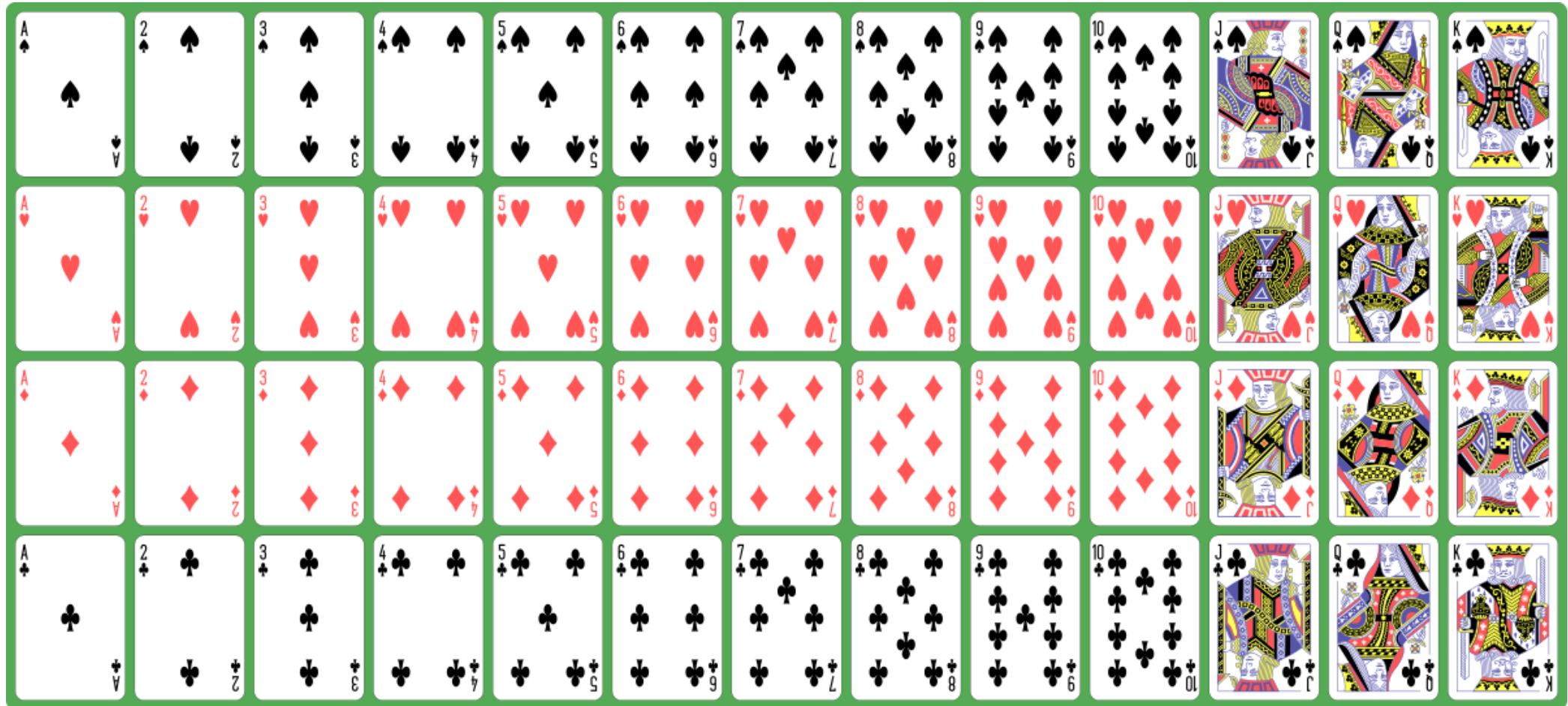# Card Games

For Grade 12 - Project Two
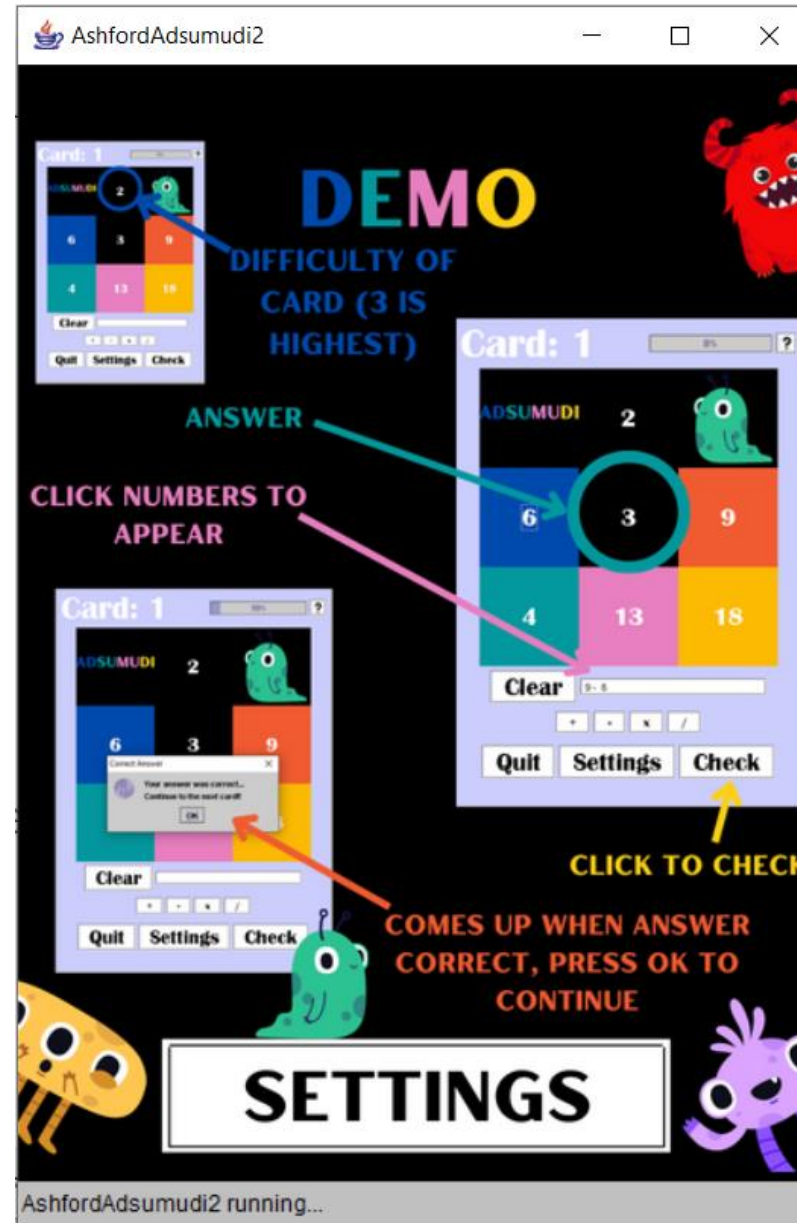
Adsumudi
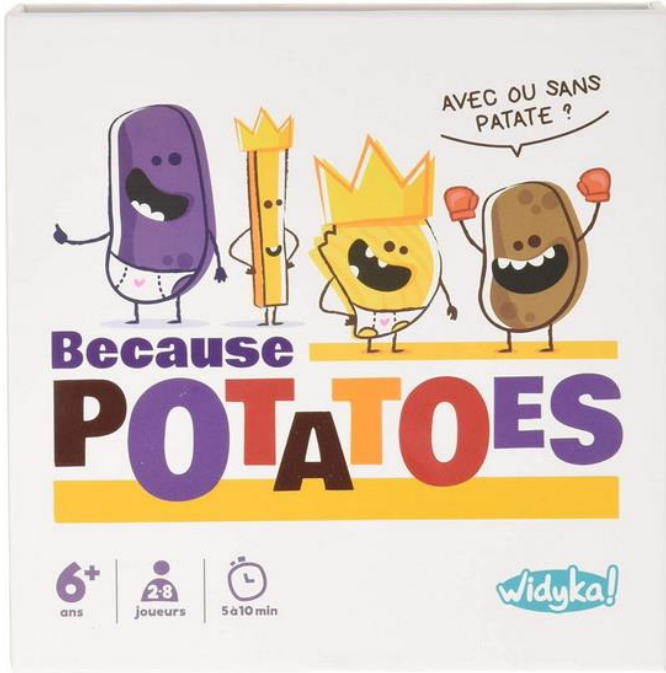

Add-ons:
(1) Calculator
(2) Marking Answer

Instance variables:
private int stars;
private int navy;
private int cyan;
private int pink;
private int yellow;
private int orange;
private int black;

DEMO

DIFFICULTY OF CARD (3 IS HIGHEST)

ANSWER

CLICK NUMBERS TO APPEAR

CLICK TO CHECK

COMES UP WHEN ANSWER CORRECT, PRESS OK TO CONTINUE

**SETTINGS**

Because Potatoes

Each turn, place a card that has something in common with the last card on the table, should it be crowns, boxing gloves, pantsies or nothing at all. Win the trick by placing the potato which has a common point with the previous one but no common point with the starting potato, and yell "Because potatoes"!

Add-ons:
(1) Multiple cards on the screen.
(2) Marking Answer

Instance variables:
private char type;
private boolean crown;
private boolean gloves;
private boolean underpants;
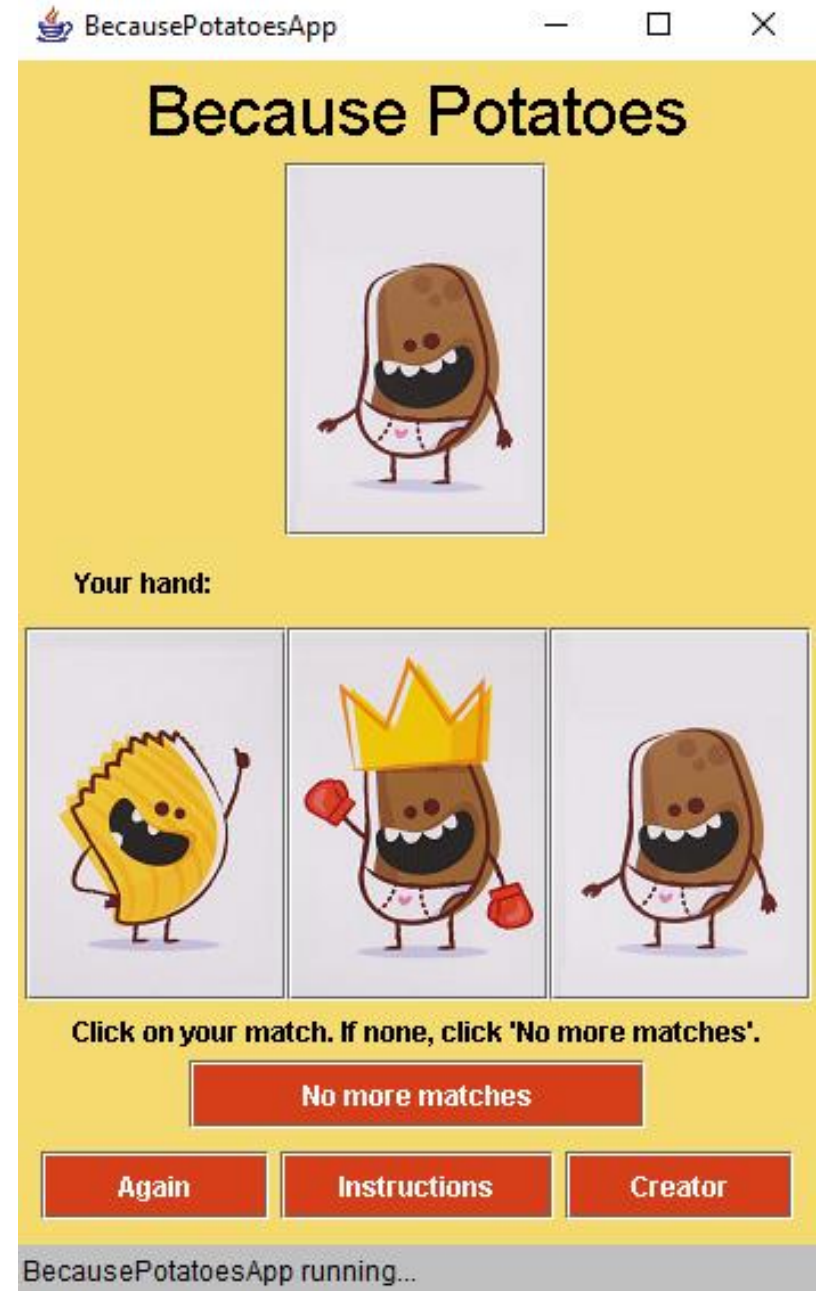
Beagle or Bagel?

Add-ons:
(1) Multiple cards on the screen.
(2) Marking Answer

Instance variables:
char which (e or a)
int PicNum

Are there more beagles or bagels on the screen?

More Beagle   More Bagels

Choose one of the above.

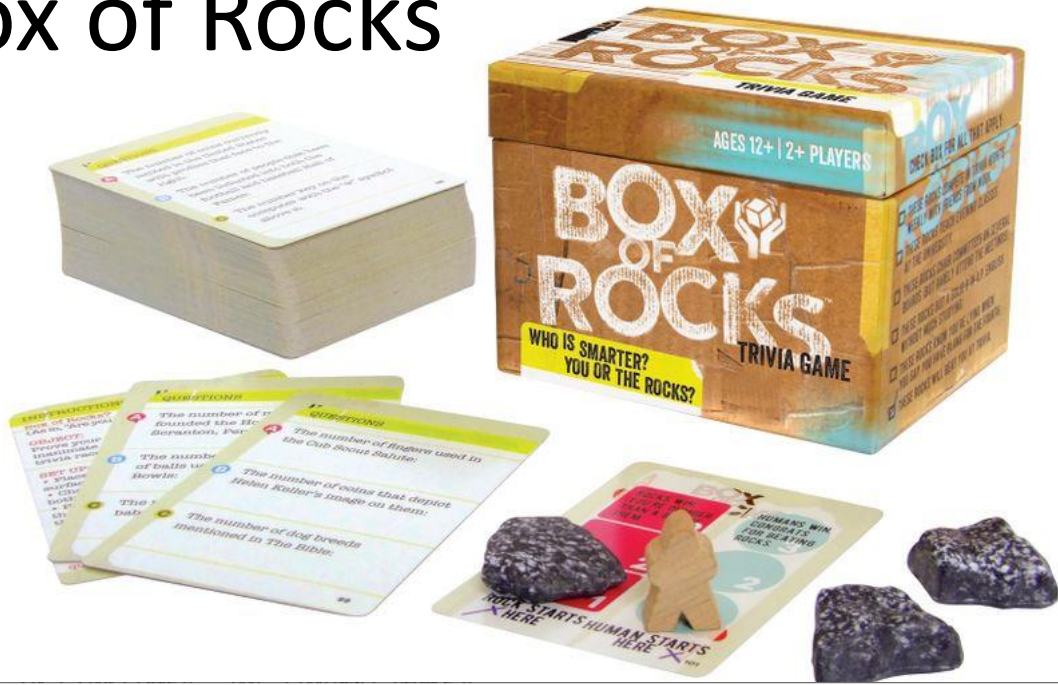New Card   Shuffle   Reset   Instructions

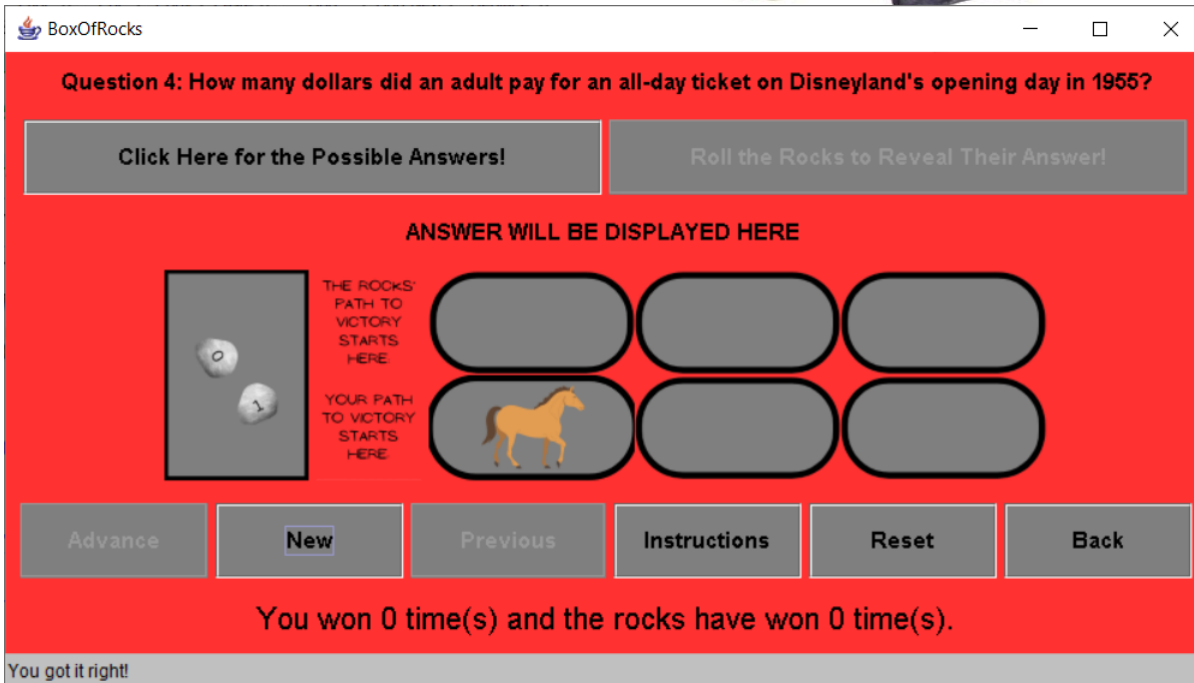Player 1 - 000   Player 3 - 000
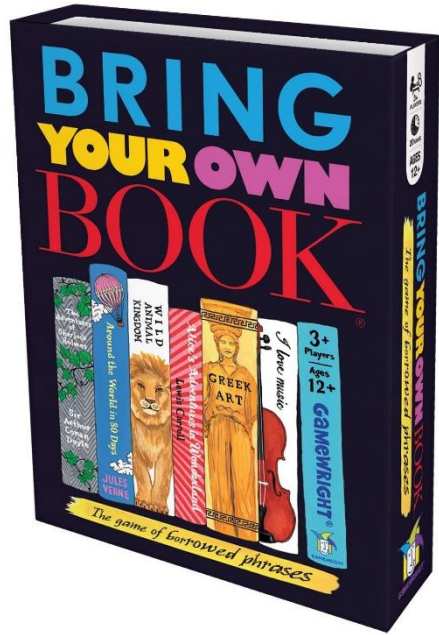
Player 2 - 000   Player 4 - 000

Box of Rocks

Add ons:
(1) Additional object: Rock
(2) Opportunity to make board

QUESTIONS

A How many categories of menswear increased in price between 2013 and 2016?

B How many mammals have thicker fur than sea otters?

C How many inches over five feet tall is Lady Gaga?

Instance variables:
String question
String reason
Int answer

Bring your own Book

It's easy. Players take turns drawing prompts from the deck, then race to find the best phrase in their own book that satisfies the prompt. Since you can use a different book each time, you can play it with any audience, and there's a practically infinite supply of source material.

What's the tastiest "name for a candy bar" in that history textbook you're reading for school? How quickly can you find "lyrics from a country western song" in your dog-training guide? What kind of "advice for graduating seniors" will appear in your anthology of limericks?
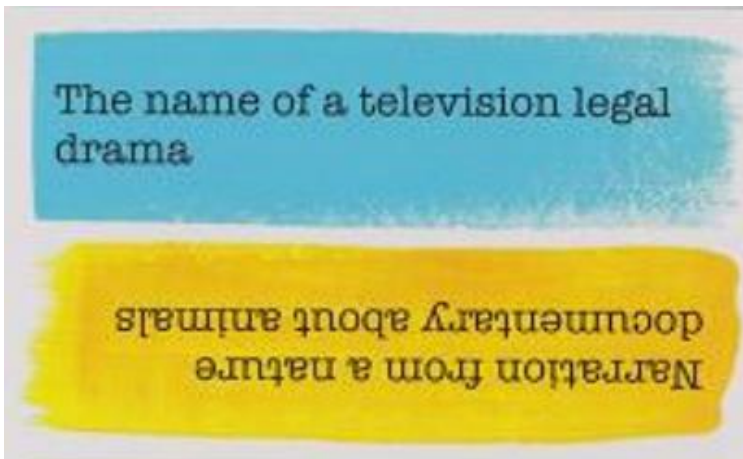
Instance variables:
int picnum

Bring Your Own Book

The name of a television legal drama

Players: Fill in your answers.

Player 1:

Player 2:

Player 3:

Player 4:

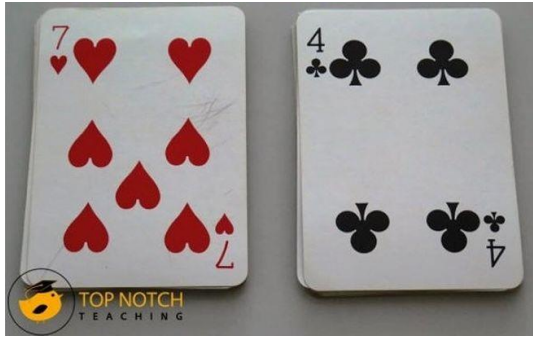| New Card	Erase All Answers
Shuffle & Reset Scores	Instructions

Player 1 - 000	Player 3 - 000
Player 2 - 000	Player 4 - 000

Card Turnover
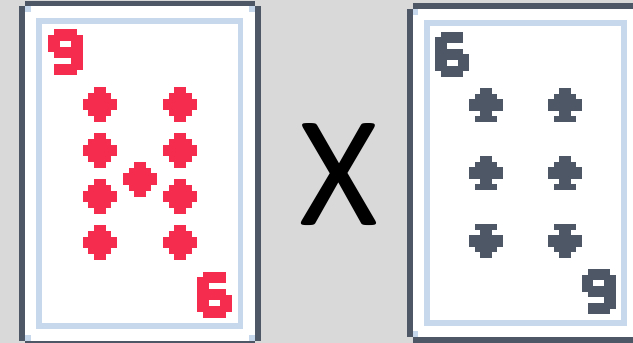

Add ons:
(1) Two cards on screen
(2) Check answer

Flip two cards from the deck. The first student to multiply (or add, depending on what you want to practice) them correctly and call out the answer wins and takes both cards. Play continues until all the cards are gone, and the winner is the one with the most cards.

Instance variables:
int picnum
int value

Card Turnover

Multiply the cards.

X

Type your answer and press done.

Answer? | 54 | Done | Give up

That's right!

| New Card | Erase All Answers |
| Shuffle & Reset Scores | Instructions |

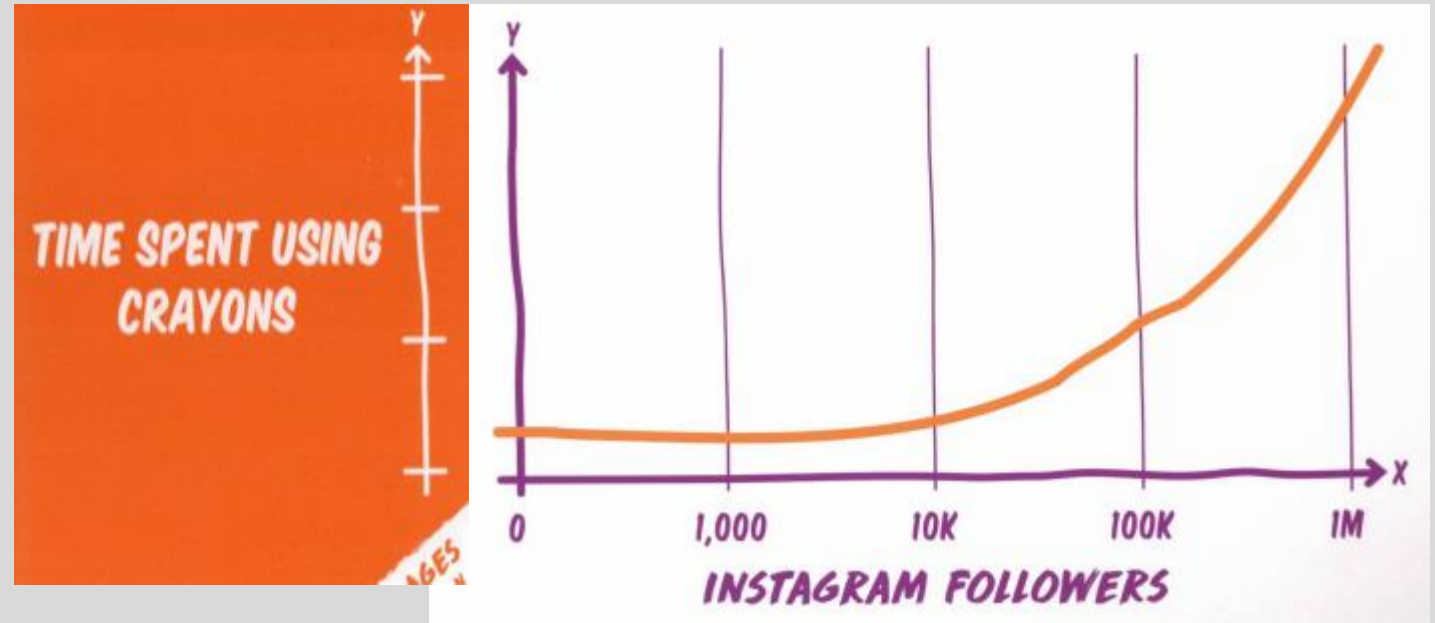| Player 1 - 000 | Player 3 - 000 |
| Player 2 - 000 | Player 4 - 000 |

Charty Party

Add-ons
(1) Two card classes, two stacks
(2) Settings page for names

Instance variables: int picnum

Charty Party

Click on each component (scale or graph) to change it.

TIME SPENT USING CRAYONS

INSTAGRAM FOLLOWERS

New Card	Erase All Answers	Shuffle & Reset Scores	Instructions

| Player 1 - 000 | Player 2 - 000 | Player 3 - 000 | Player 4 - 000 |

The goal is to choose the funniest combination of scale (orange) with chart (white).

Chonky Donkey
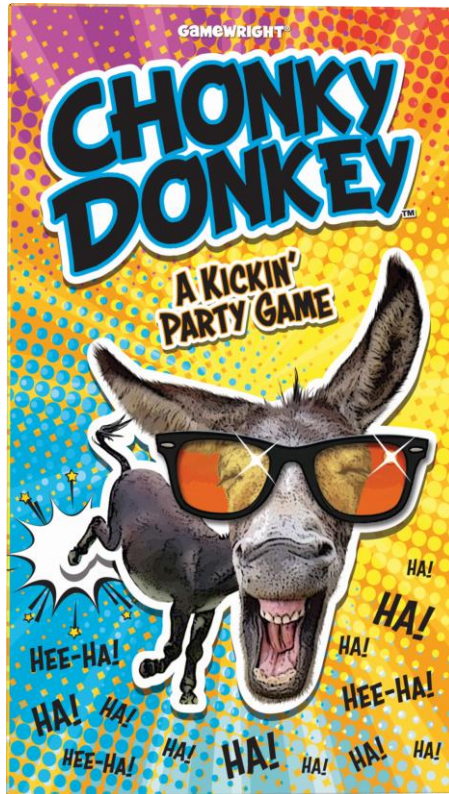
The goal is to read the funny combination aloud without laughing.

Add-ons
(1) Two card classes, two stacks
(2) Settings page for names

Instance variables: int picnum

Chonky Donkey

Player 1: Read these aloud without laughing.
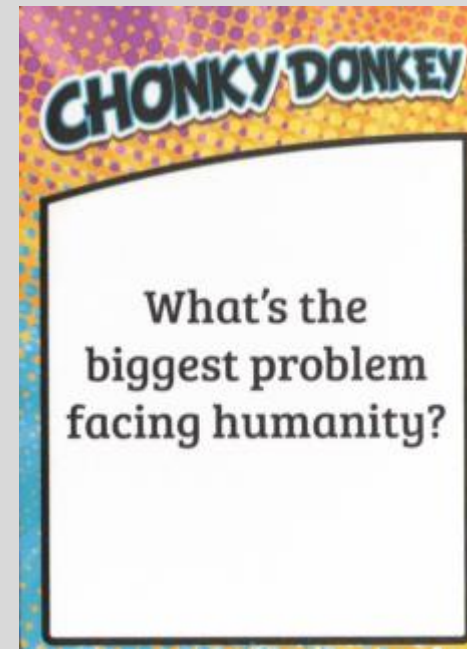
What's the biggest problem facing humanity?

Om Nom Nom

New Card	Determine Winner
Shuffle & Reset Scores	Instructions

Player 1 - 000	Player 3 - 000
Player 2 - 000	Player 4 - 000

Code Breakers

Code Breakers

It is Player 1's Turn

Category: Film

The L of the R

Type your answer and press done.

Answer? The Lord of the Rings | Done | Give up

That's right!

New Card	Pass to Next Player
Shuffle & Reset Scores	Instructions

Player 1 - 000	Player 3 - 000
Player 2 - 000	Player 4 - 000

Deduckto
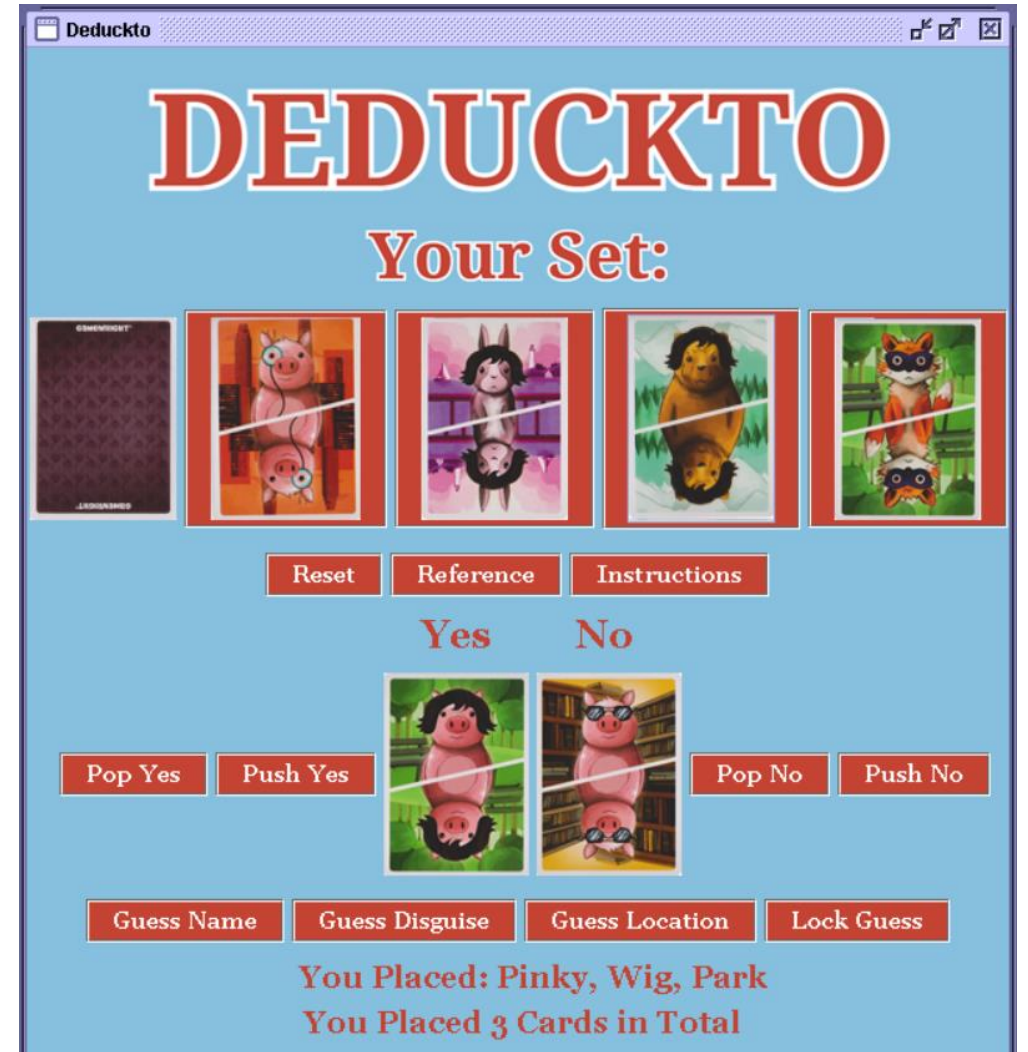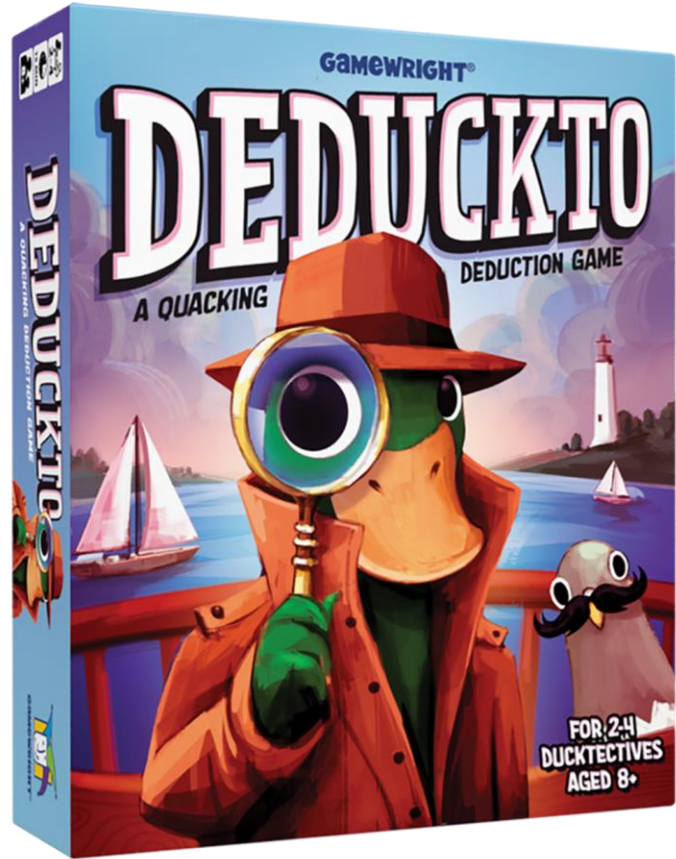
private String name;
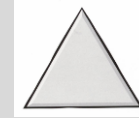private String disguise;
private String location;

Eye Dentify
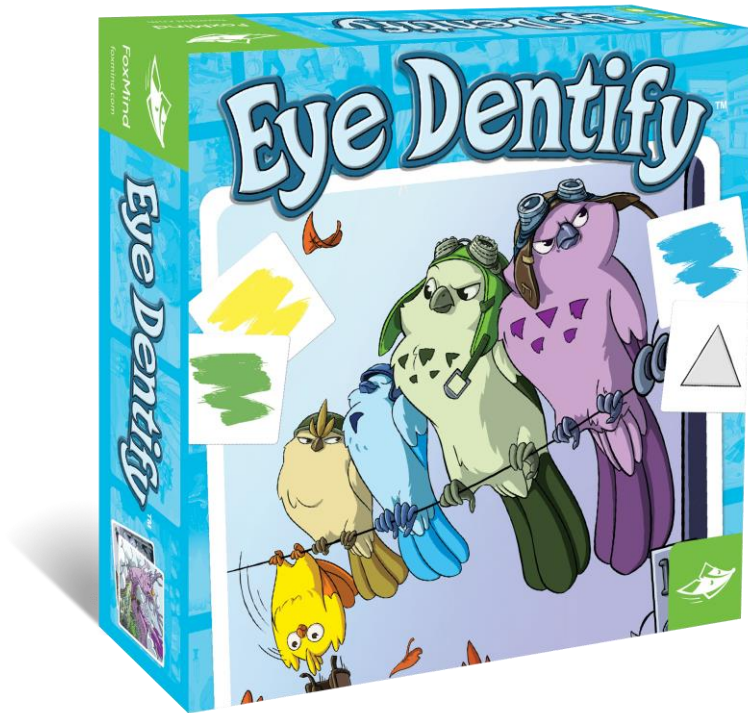
Add-ons
(1) Two card classes, two stacks
(2) Settings page for names

Instance variables:
int picnum

Eye Dentify

Who is first to find the object in the picture?

Object to find:

| Player 1 - 000 | Player 3 - 000 |
| Player 2 - 000 | Player 4 - 000 |

| New Card | Shuffle | Reset | Instructions |

Funny Business

Imagine if a bakery merged with barber shop. What would you call the new business? Bread Heads?... Cookie Cutters?... How about Shave 'n Cream? Think up these and other creative answers in this hilarious party game where naming is the name of the game. Randomly select two different business cards and then try to come up with a clever name for their unlikely merger. If your name wins the most votes, you're the boss!

Add-ons:
(1) Use of settings page for names
(2) Multiple Cards on Screen

Instance variables:
Int picnum
String storename
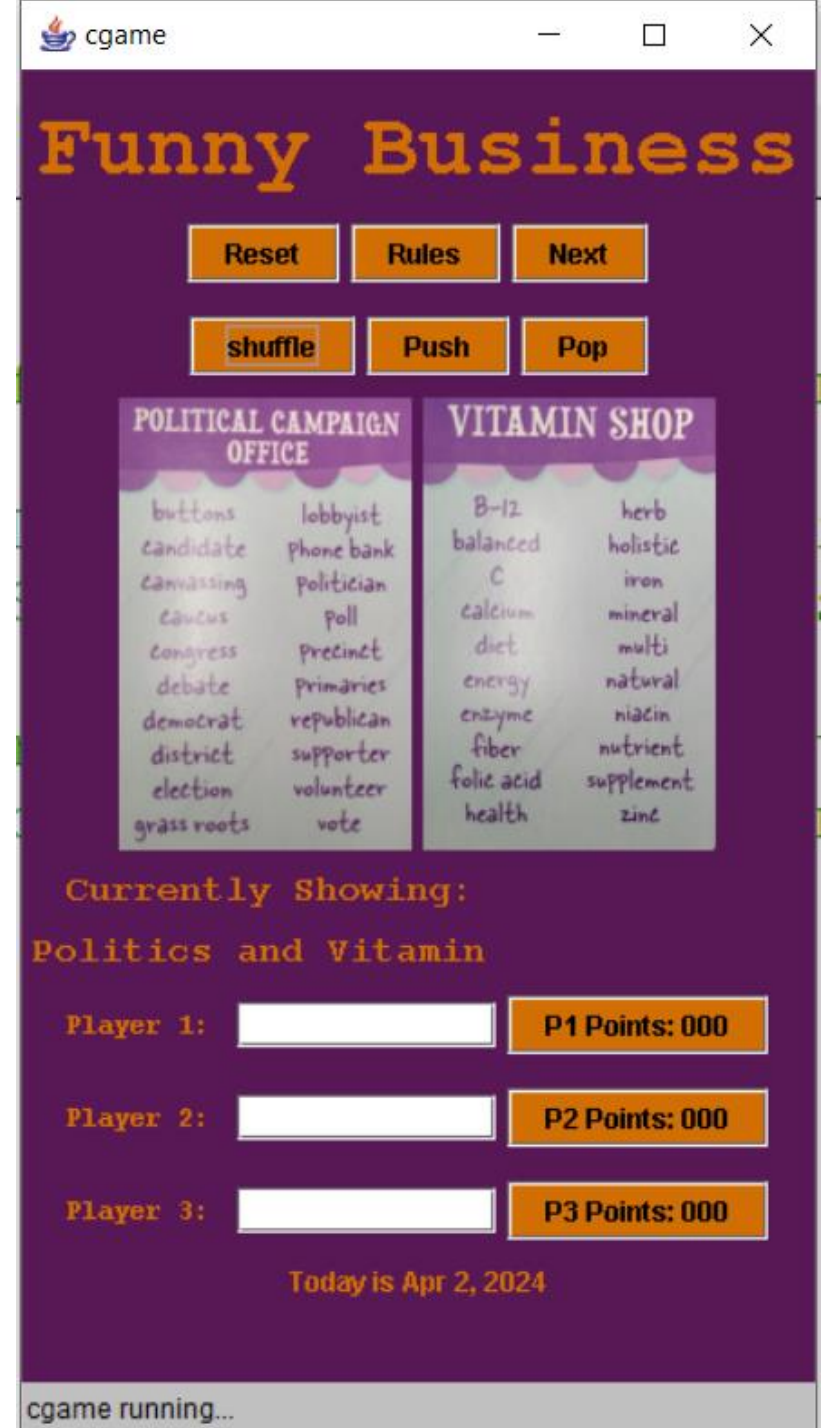
Get the Picture
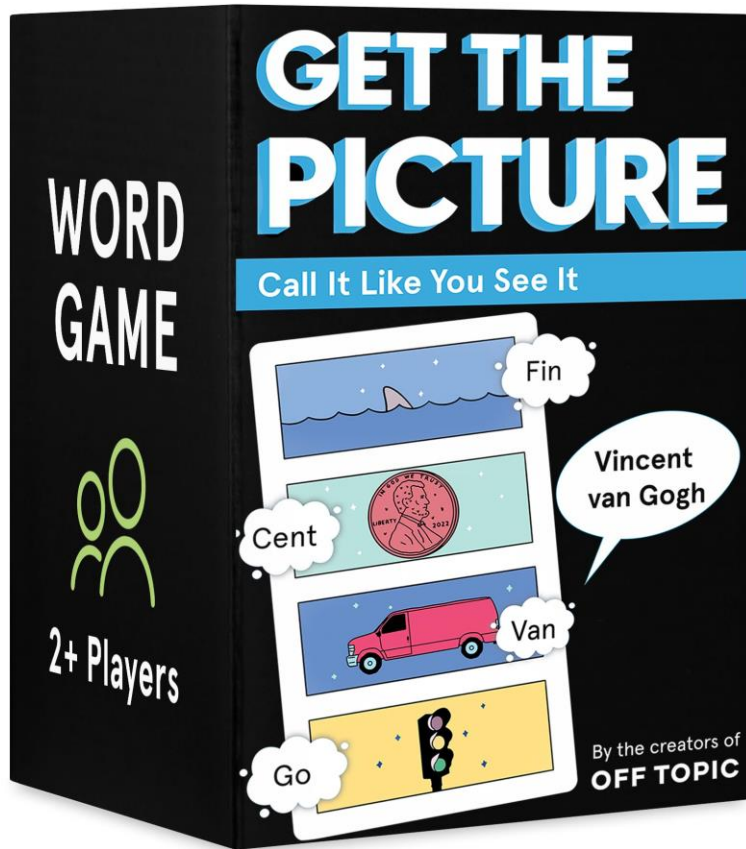
Get the Picture

It is Player 1's Turn

Type your answer and press done.

Answer? | Kim Kardashian | Done

Give up

That's right!

| New Card | Shuffle | Reset | Instructions |

| Player 1 - 000 | Player 3 - 000 |
| Player 2 - 000 | Player 4 - 000 |

Guess By Eye

Instance variables:
char ans (a, b or c)
int picnum
String ansA
String ansB
String ansC

Guess By Eye

Which Disney Character is this?
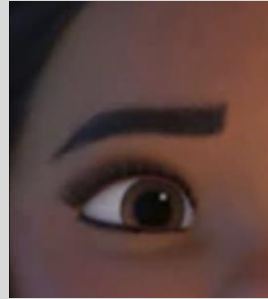
Choose one of the below.

A. Isabella

B. Raya

C. Moana

New Card | Shuffle | Hint | Instructions

Player 1 - 000 | Player 3 - 000
Player 2 - 000 | Player 4 - 000

Guess By Eye

Which Disney Character is this?

You got it!

A. Isabella

B. Raya

C. Moana

New Card | Shuffle | Hint | Instructions

Player 1 - 000 | Player 3 - 000
Player 2 - 000 | Player 4 - 000

Guess Song Emoji

Add-ons:
(1) Making own cards
(2) Marking Answer
(3) Hint
(4) Give up button

Instance variables:
int picnum
String ans
String group

Guess Song Emoji

Which song title is shown in this emoji?

Type your answer and press done.

Answer?   Dynamite   Done
                              Give up

That's right.
It was Dynamite by BTS.

New Card   Shuffle   Hint   Instructions

Player 1 - 000   Player 3 - 000
Player 2 - 000   Player 4 - 000

Hit or Miss

Hit List

TV aliens

ALF
Mork
Spock
Zoidberg
Doctor Who
Superman

SinghCardGame — □ X

Internal organs

Write your answer in the box provided below

```
Heart
Lungs
Kidney
Brain
```

| Shuffle | Reset | Quit? |

| Check | New Card | Instruction |

Player 1: 000 points

```
heart
brain
lungs
liver
kidneys
arteries

You have 3 points!
```

SinghCardGame running...

Joe Name It

Needs a Dice Object too.

Keep It 100

100 parents: Do you drink 3 or more caffeinated beverages in a typical day?

29

Only 11% never drink any caffeinated beverages.

CardGame

Keep it 100

| 100 people under 25: Do you know how to restart your router? | 100 sports fans: Do you regularly watch games on TV? | 100 people under 25: Do you usually make your bed each day? | 100 married people with no kids: Do you have any pets? | 100 people under 25: Do you often watch TV and movies with the subtitles on? |

Reset | Shuffle/Deal | Player 1: 0 | Player 2: 0 | Hint | Confirm | Finished Game

A game of parsing the human condition 100 people at a time.

KEEP IT 100

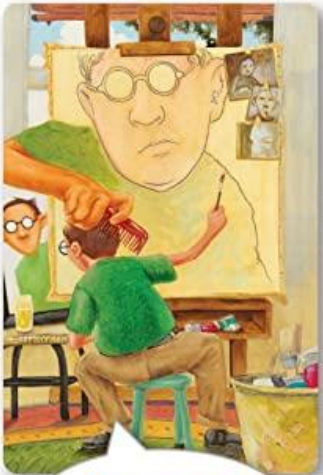| 100 people under 25: Do you know how to restart your router? | 100 sports fans: Do you regularly watch games on TV? | 100 people under 25: Do you usually make your bed each day? | 100 married people with no kids: Do you have any pets? | 100 people under 25: Do you often watch TV and movies with the subtitles on? |

87 | 97 | 37 | 76 | 81

93% of people over 40 said yes. | 60% of sports fans report regularly attending live sporting events. | 12% said they never make their bed. | 7% of all respondents reported having 4 or more pets. | 59% of people over 40 said yes.

Last Letter

UMBRELL**A**!   ARTISTI**C**!   CREATIO**N**!

Opportunity to use String functions.

Linkee

|	
1	What nationality was artist Claude Monet?
2	What are Ossau-Iraty, Taleggio, and Edam?
3	Stripping off your clothes and going swimming is also known as what-dipping?
4	Parents sometimes tell their kids: "Eat your crusts, or your hair won't grow what"?

CLUE
The ultimate way to cook a potato!

LINKEE

153

1	What nationality was artist Claude Monet? — French
2	What are Ossau-Iraty, Taleggio, and Edam? — Cheese
3	Stripping off your clothes and going swimming is also known as what-dipping? — Skinny
4	Parents sometimes tell their kids: "Eat your crusts, or your hair won't grow what"? — Curly

CLUE
The ultimate way to cook a potato!

LINKEE

Fries

153

Match to Make 11
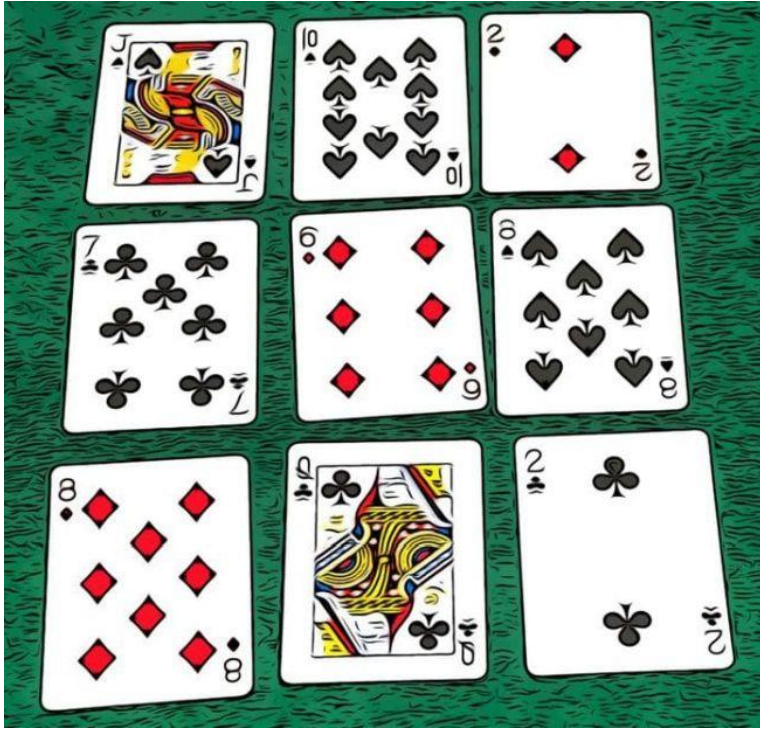
Lay out three rows of three cards each, face up. Then check to see if you can find any two cards that add up to 11. If so, remove those cards and set them aside. Replace them with new cards from the deck. Continue until you run out of cards or can't make any more matches.

Minute Mystery

Museum of Everything
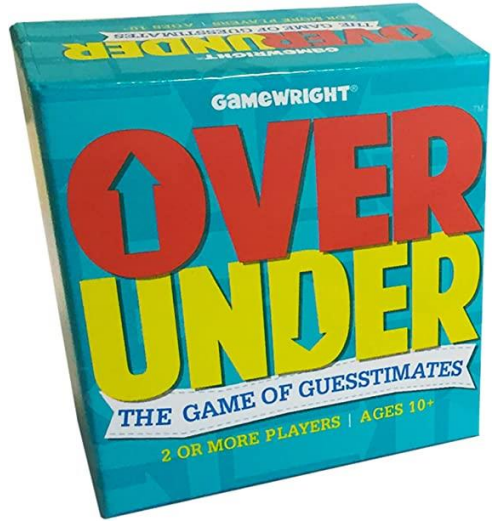
Over Under

Additional Coding in the Over/Under

Poetry for Neaderthals
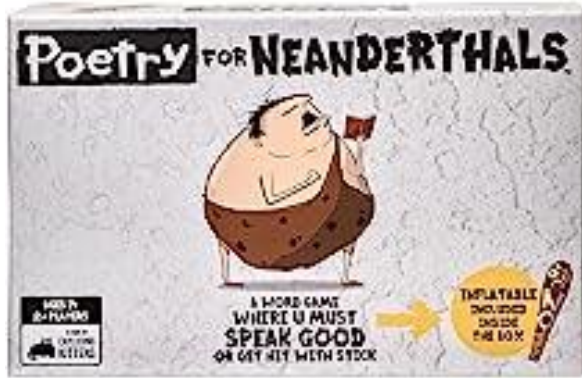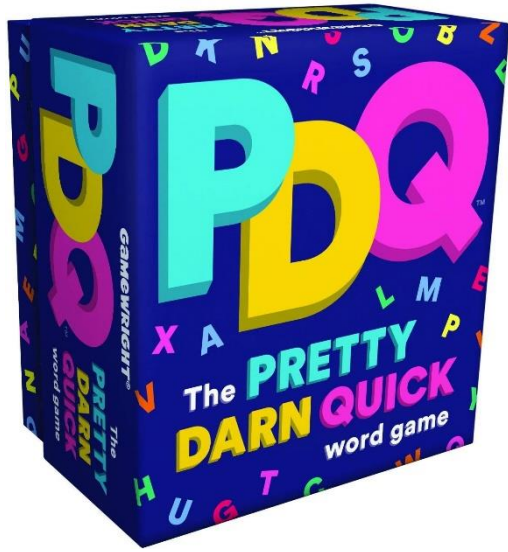
Pretty Darn Quick

Add-ons:
(1) Opportunity to use String functions.
(2) Multiple Cards on Screen

Instance variables:
char letter
int points

Pretty Darn Quick

Think of a word that contains these letters, in this order. Other letters may be in between them.

R	N	G

Answer?   orange   Done

That is correct! 45 points.

New Cards | Shuffle | Reset | Instructions

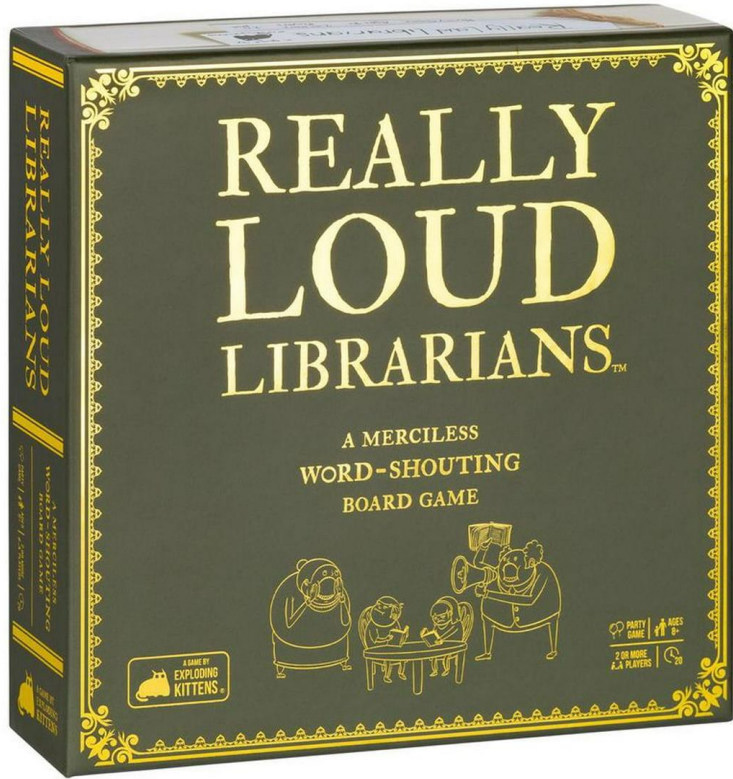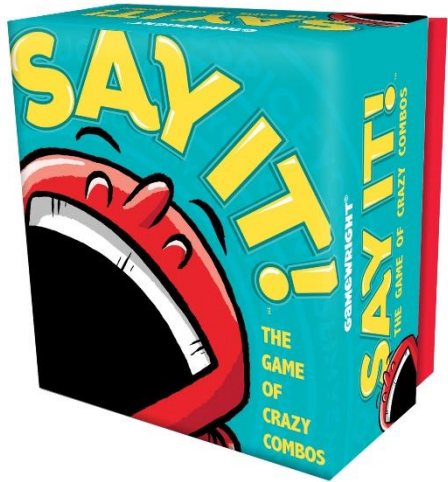| Player 1 - 000	Player 3 - 000
Player 2 - 000	Player 4 - 000

Race to Pi

In this game, kids work to lay out the digits of pi in order. It's a simple draw-and-play game that will help familiarize students with this important number. You can write out the digits first or see who knows them from memory. Find out how to play at the link below.
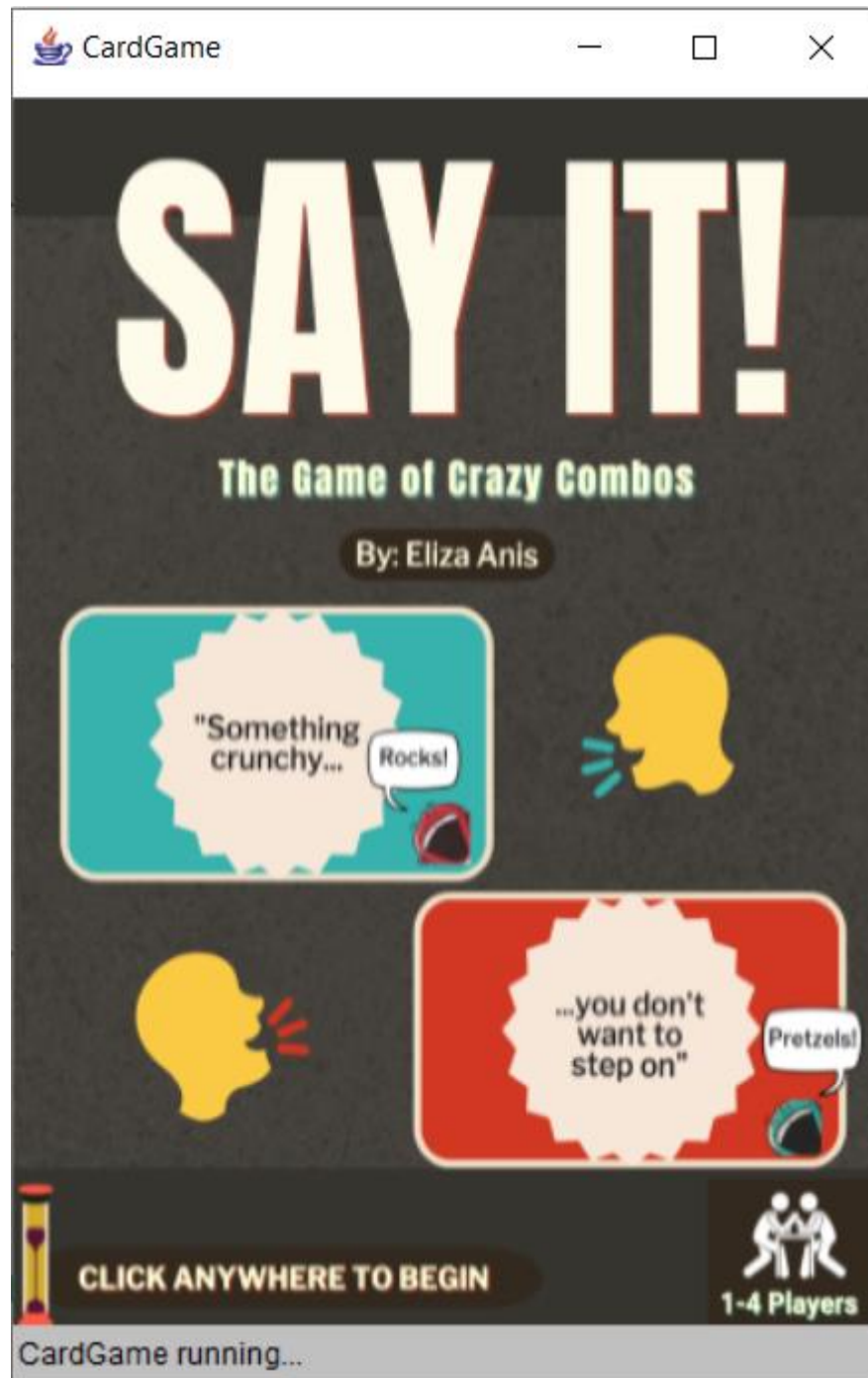
Really Loud Librarians

Say It!

Add-ons:
(1) Two decks
(2) Two Cards

Instance variables:
int picnum

Scavenger Hunt

Similo

FROG

"The secret card is DIFFERENT from THIS CLUE."

CHOOSE A NEW CLUE.

Sort it out

Sort these movies by their filming budget.

[MOST → LEAST]

- Tangled, 2010
- Justice League, 2017
- Avatar, 2009
- Rogue One, 2016
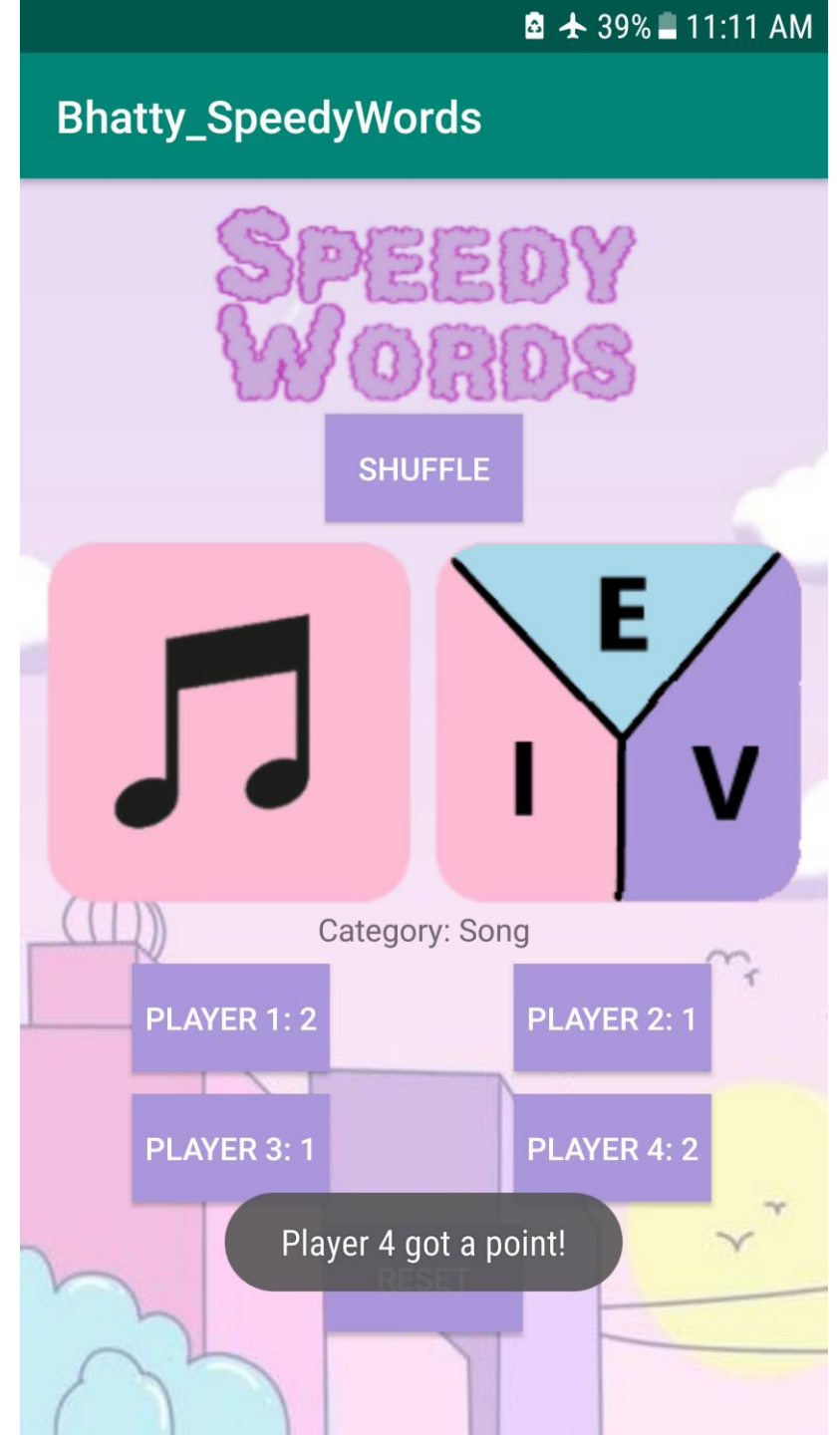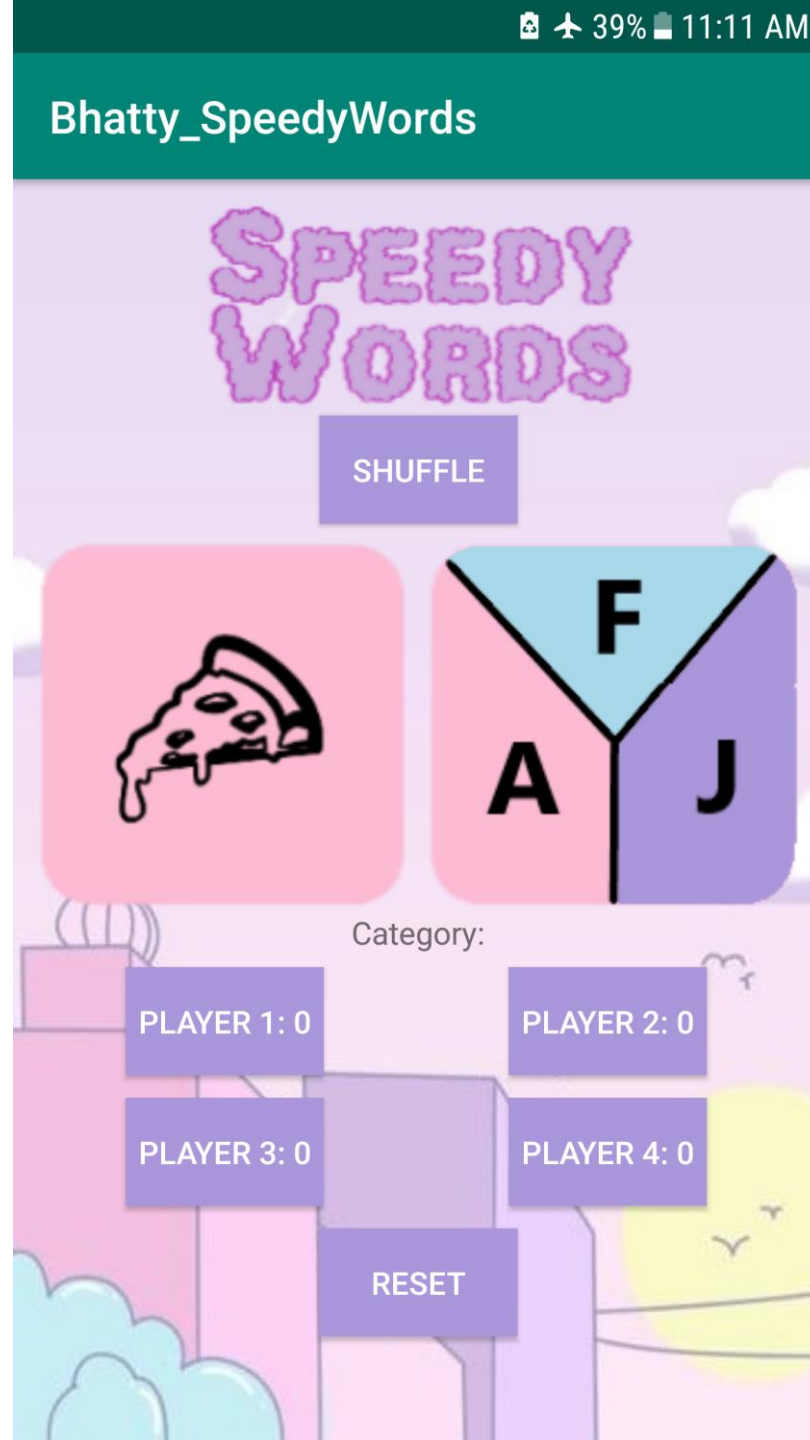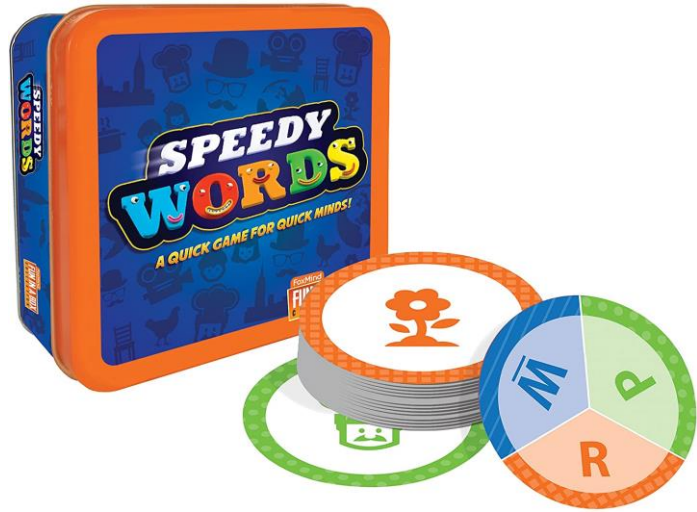- Titanic, 1997

1 Justice League, 2017 ($300 million)

2 Tangled, 2010 ($260 million)

3 Avatar, 2009 ($237 million)

4 Rogue One, 2016 ($220 million)

5 Titanic, 1997 ($200 million)

Speedy Words

Stow Away
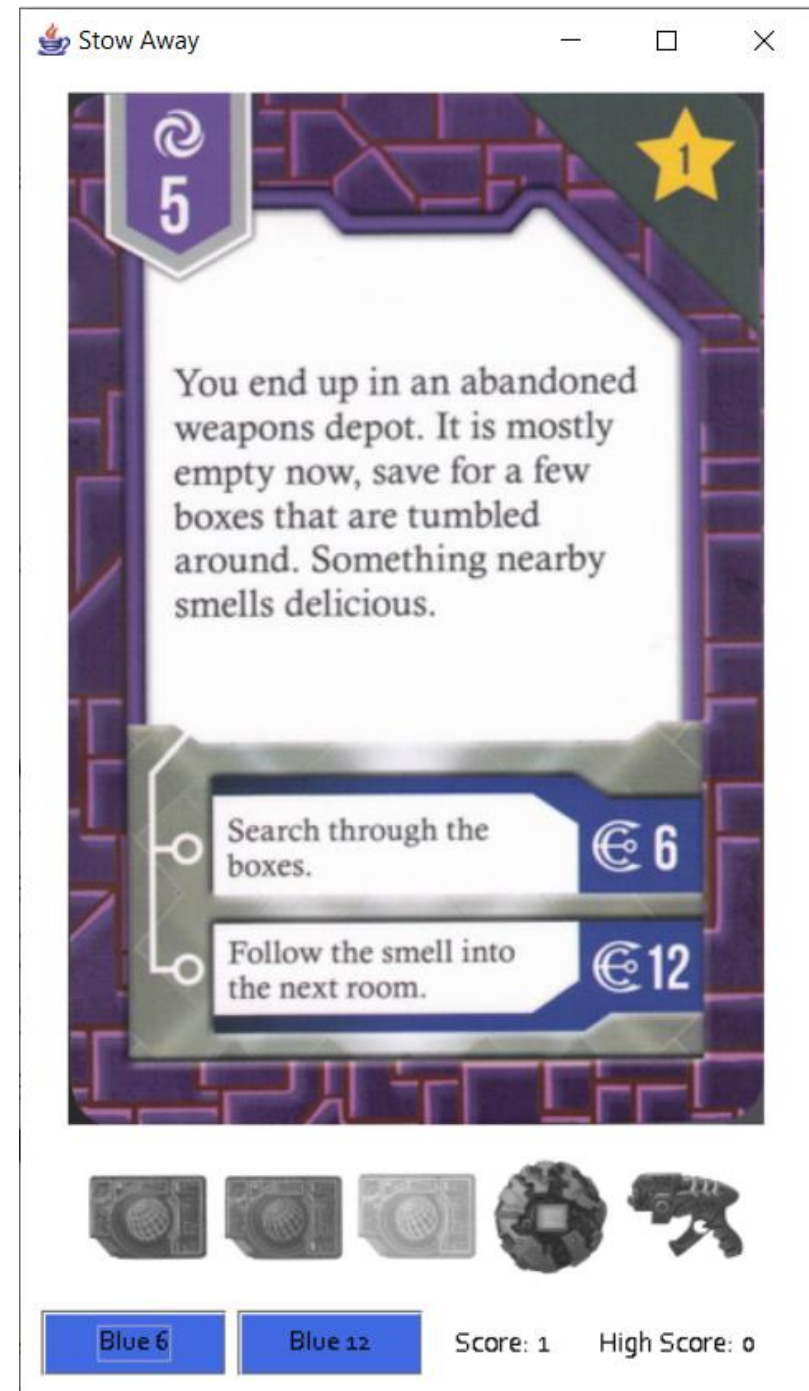
(Choose your own adventure)

Add-ons:
(1) Complex accessors
(2) Navigation
(3) Pick-ups
(4) Complex shuffle

Instance variables:

private int individualNum;
private int cardPoints;
private int realCardNum;
private String cardColour;
private String cardName;
private boolean isEnd;
private boolean isItem;
private boolean isCardUsed;
private int button1;
private int button2;
private String button1ReqItem;
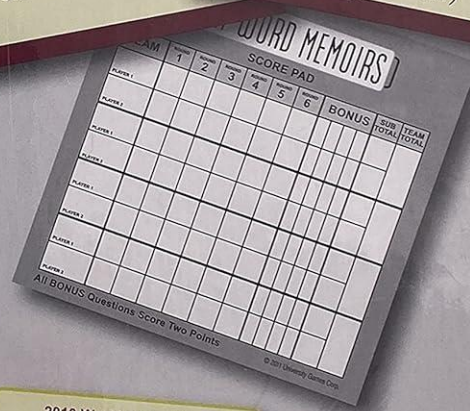private String button2ReqItem;

Six-Word Memoirs
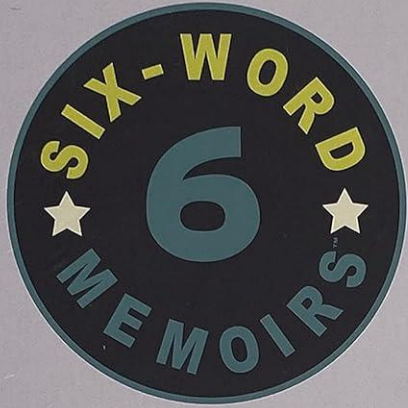
Splurt

An animal

Beginning with

G
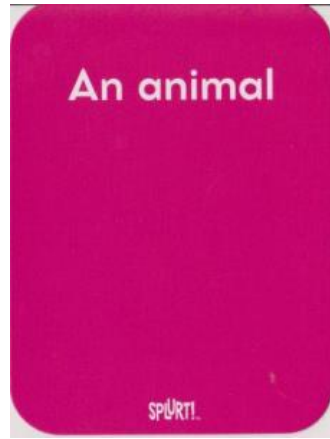
Quick – name something fun to play beginning with the letter S! Slide whistle? Slot machine? How about Splurt - the hilarious fast-reaction word game! Flip a card and be the first to shout out an answer that matches the clues. Can you name an animal containing 5 letters? A song ending in E? Think fast – say it first – win Splurt!
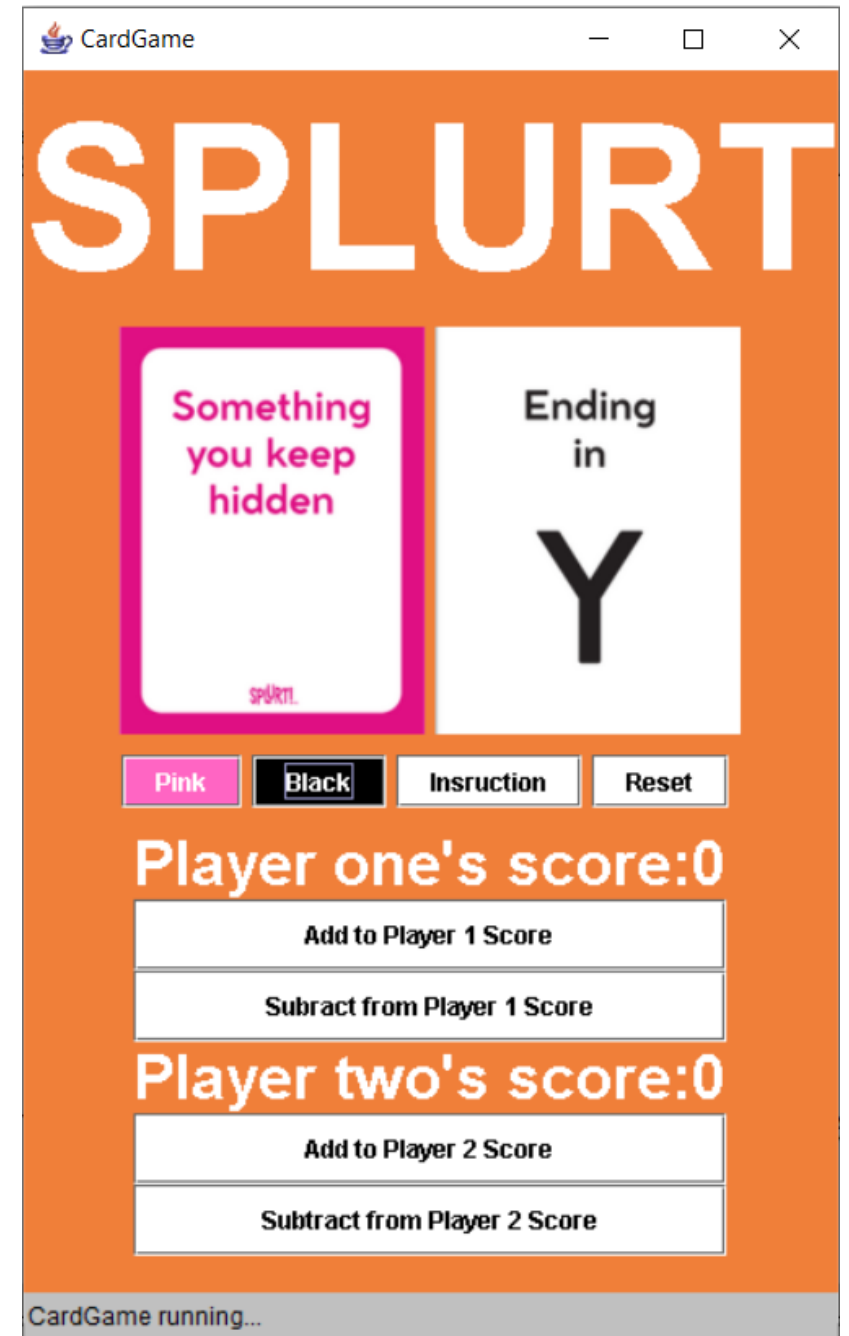
Add-ons
(1) Opportunity to use String functions.
(2) Two card classes, two stacks

Instance variables:
int picnum

CardGame

SPLURT

Something you keep hidden

Ending in

Y

| Pink | Black | Insruction | Reset |

Player one's score:0

Add to Player 1 Score

Subract from Player 1 Score

Player two's score:0

Add to Player 2 Score

Subract from Player 2 Score

CardGame running...

Rhyme Out!

RHYME OUT!

CLUES

- A VEGETABLE THAT IS ON A COB
- A CAR'S WARNING SOUND
- A PRICKLY PART OF A ROSE BUSH

HINT

RHYMES WITH BORN

Answer 1	Answer 2	Answer 3
corn	horn	thorn

Check Answers

Reset Score | **New Card** | **Instructions**

Player 1: 0 Player 2: 0 Player 3: 0 Player 4: 0

dGame running...

That's It!

Something a scuba diver wears.	TANK
An ingredient in cola.	WATER
Something you almost always try before buying.	SHOES
A place where kids go on a field trip.	MUSEUM
Something that falls from the sky.	HAIL

Add-ons:
(1) Can check answer
(2) Give up button

Instance variables:
String question ||
int picNum

String answer

That's It!

Think of a word that matches the description.

Something a scuba diver wears.

Answer? mask

That is not correct. 2 guesses.

New Cards	Shuffle	Reset	Instructions

Player 1 - 000	Player 3 - 000
Player 2 - 000	Player 4 - 000

Think 'N Sync

TimeLine

Multiple cards on the screen. Reveal answer.

Chris Hadfield commands the International Space Station

Last concert of *The Tragically Hip*

2012

Chris Hadfield commands the International Space Station

2016

Last concert of *The Tragically Hip*
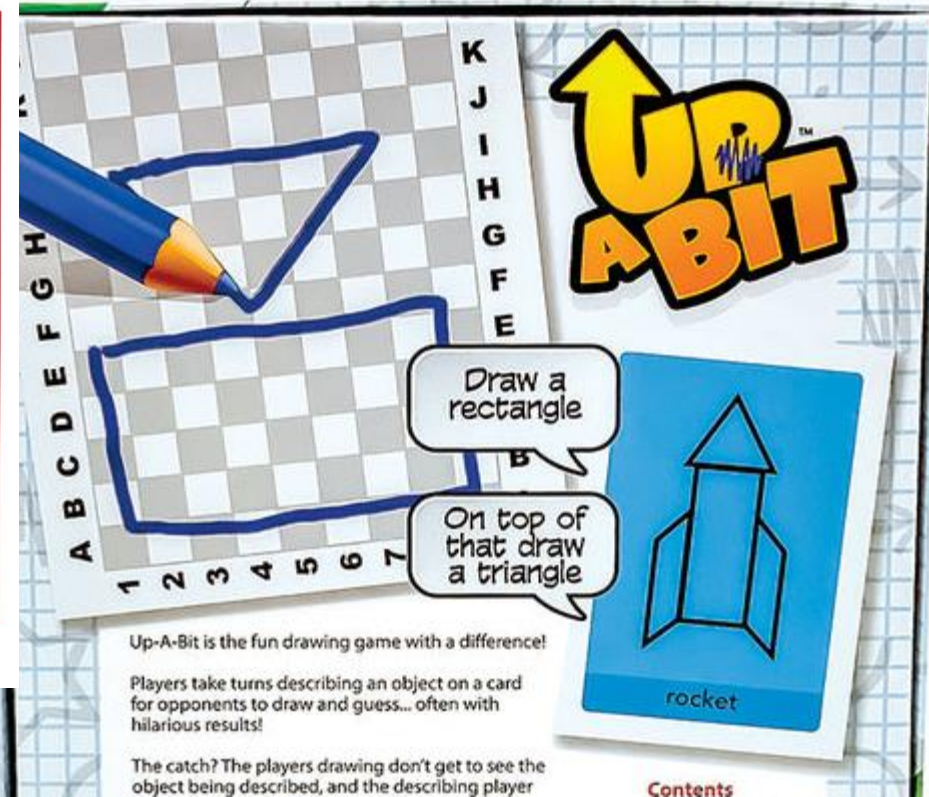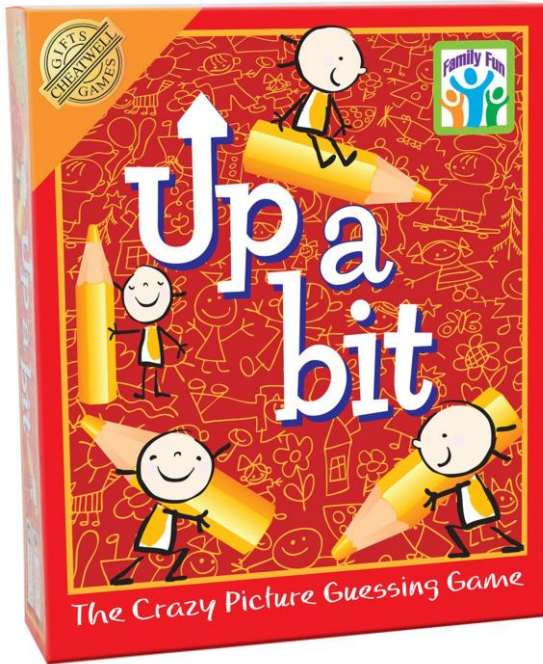
Up a Bit

The current card:

picnic table
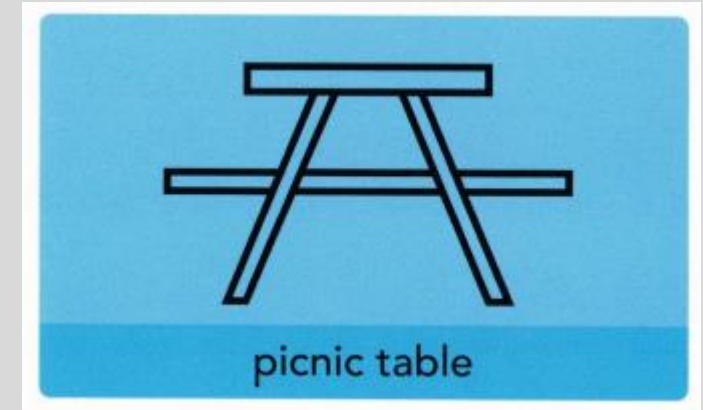
| New Card | Determine winner |
| Shuffle & Reset Scores | Instructions |

Score keeping:

| Player 1 - 000 | Player 3 - 000 |
| Player 2 - 000 | Player 4 - 000 |

Too Many Monkeys

Add-ons:
(1) Complex deal
(2) Card placement
(3) Additional Arrays
* Very complex game

War

Word-A-Round

Wordical
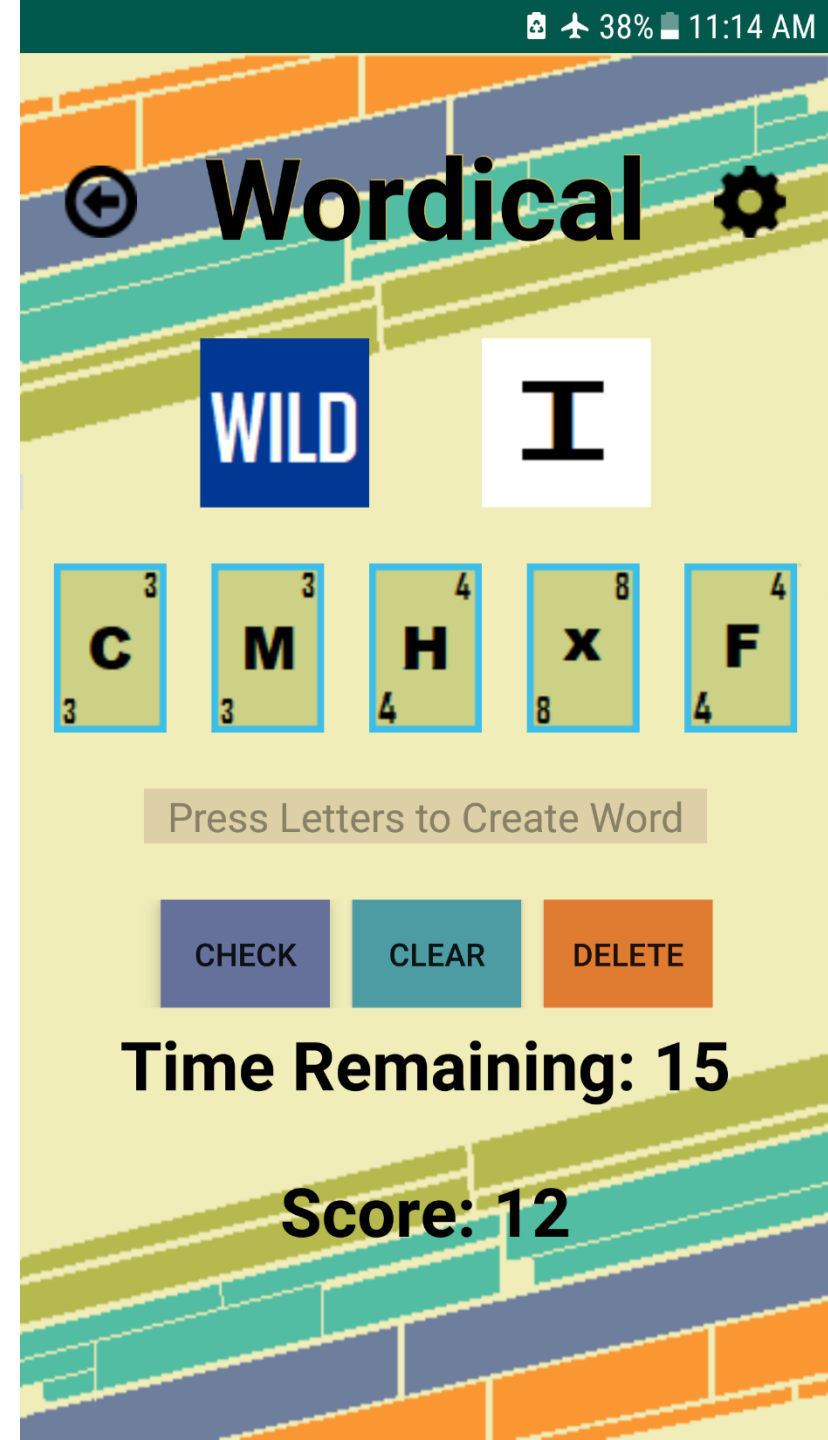
Would You Rather

Ask the Cards

3. With the game pile in front of you, ask the Genie any question you want – out loud – that can be answered with a "Yes" or "No" (See "Sample Questions" if you can't think of any.)

4. Turn over the top card and read it aloud.

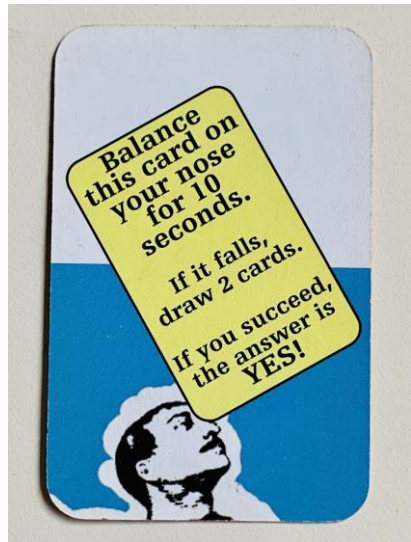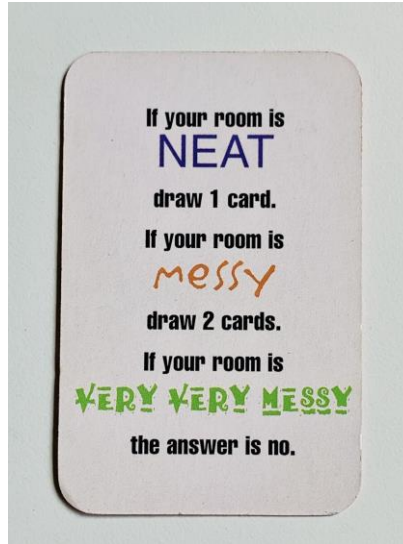Depending on the card, the Genie may answer your question right away... or he may "command" you to do something first

If your room is
NEAT
draw 1 card.
If your room is
messy
draw 2 cards.
If your room is
VERY VERY MESSY
the answer is no.

Balance this card on your nose for 10 seconds.
If it falls, draw 2 cards.
If you succeed, the answer is YES!

THUMB-OMETER

Some commands may call for a little more explanation.

• If the Genie Asks You to Spell.
Turn over one card for every letter in the word you're spelling. The last card you turn over is the one you read aloud. For example, if the cards says "Spell what you had for breakfast" and you had eggs, you would turn over 4 cards – E - G - G - S.

Spell what you had for breakfast.
No breakfast?
Go back to bed and ask me again tomorrow!

continued on back