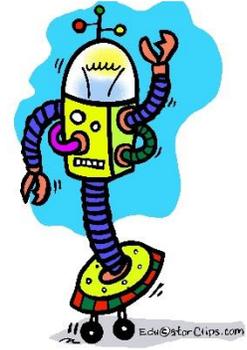


All Types of Arrays



- Make an array for each of the following.
- **Make sure each array is the correct type.**
- Print them on the screen when you are done.
- An example is in the starter code at the bottom.

1. Fibonacci Sequence (**int**)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
1	1	2	3	5	8	13	21	34	55

2. Counting Words (**String**)

[0]	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]
One	Two	Three	Four	Five	Six	Seven	Eight	Nine	Ten

3. Start of Alphabet (**char**)

[0]	[1]	[2]	[3]	[4]	[5]	[6]
A	B	C	D	E	F	G

4. Interesting Irrational Numbers (**double**, use second row)

[0] pi	[1] e	[2] golden ratio	[3] square root 2	[4] square root 3
3.14159265	2.718281	1.6180339887	1.414213	1.73205080

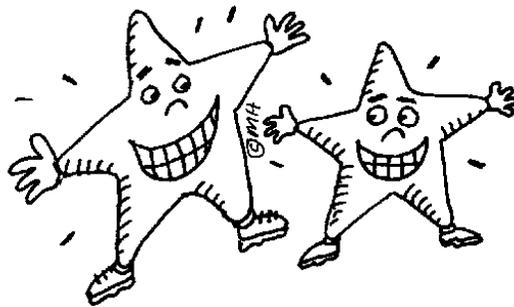
```
public class arrayIntro
{
    public static void main (String args[])
    {
        new arrayIntro ();
    }

    public arrayIntro ()
    {
        String week[] = {"Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", "Saturday"};
        for (int i = 0 ; i < week.length ; i++)
            System.out.print (week [i] + " ");
        System.out.println ();
    }
}
```

Countdown Lists

Create an array for each of the following things and print them out.
Make sure each array is the correct type.

1. The digits from 0 to 9, ordered from your most to least favourite.
2. 8 Jobs from your most to least favourite.
3. The colleges/universities you have considered, ordered from your most to least favourite.
4. 6 Baked goods, ordered from most delicious to least delicious.
5. 5 places you want to visit, ordered from most interesting to least.
6. The top 5 books you have read, ordered from best to worst.
7. Your top 3 characteristics.



```
public class CountdownLists
{
    public static void main (String args[])
    {
        new CountdownLists ();
    }

    public CountdownLists ()
    {
        String thingsToDo[] = {"code", "watch You Tube", "Snap chat", "Instragram", "Sleep", "eat pizza"};
        System.out.println ("My Favourite Things to Do");
        for (int i = 0 ; i < thingsToDo.length ; i++)
            System.out.println ((i + 1) + ". " + thingsToDo [i]);
        System.out.println ();
    }
}
```

Zoo Array

Make an array that holds the following:

[0]	[1]	[2]	[3]	[4]
okapi	zorse	pangolin	bilby	hoatzin

Print out your array formatted in these 4 ways:

okapi

zorse

pangolin

bilby

hoatzin

okapizorsepangolinbilbyhoatzin

okapi zorse pangolin bilby hoatzin

0. okapi

1. zorse

2. pangolin

3. bilby

4. hoatzin

