

Endings and beginnings

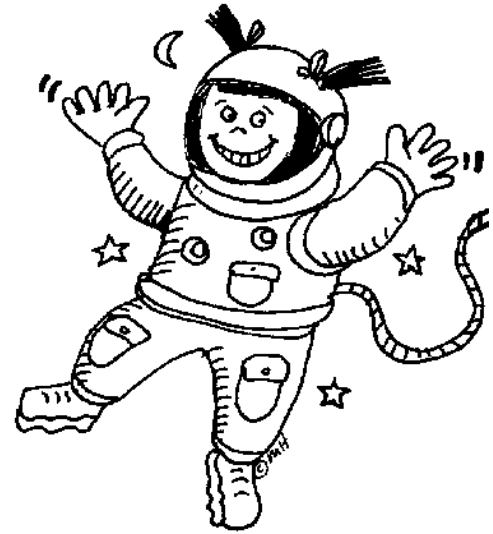
Get a word from the user.

Test it to see if it starts with:

1. an- (without)
2. hyper- (excessive)
3. uni - (one)

Then, test to see if it ends with:

1. -est (most)
2. -itis (disease)
3. -ly (in that manner)



For each you will need to test the word length so substring doesn't crash. In this code we are testing **META**, since it is **4 letters**, we have to make sure the length is **at least 4 letters** long.

```
if (word.length() >= 4 && word.substring (0, 4).equals ("meta"))
    System.out.println (word + " begins with meta-. That means 'after'.");
else
    System.out.println (word + " does not begin with meta-.");
```

Examples of both prefixes and suffixes are in the starter code:

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

    public EndBegin ()
    {
        System.out.println ("** Start End Tester **\n");
        String word = IO.inputString ("What is the word you wish to test? ");
        int size = word.length ();

        //prefix testing (begin)
        if (size > 3 && word.substring (0, 4).equals ("meta"))
            System.out.println (word + " begins with meta-. That means 'after'.");
        else
            System.out.println (word + " does not begin with meta-.");

        //suffix testing (end)
        if (size > 3 && word.substring (size - 3, size).equals ("ful"))
            System.out.println (word + " ends with -ful. That means 'full of'.");
        else
            System.out.println (word + " does not end with -ful.");

    } //constructor
} //class
```