

The String [] arg Object

In main (String [] arg), arg is a one-dimensional array of Strings. The args correspond to the command line

```
java JavaProgram arg[0] arg[1] ...
```

Example #1.

```
public class Hello {  
    public static void main ( String [] arg ) {  
        String greeting = "Hello " + arg[0] + "!";  
        System.out.println(greeting);  
        return;  
    }  
    public Hello () {  
    }  
}
```

prints out Hello Steve! if it is run with the command

```
java Hello Steve
```

Example #2.

```
public class SpongeBob {  
    public static void main ( String [] arg ) {  
        if ( arg.length != 1 ) {  
            System.out.println("Usage:");  
            System.out.println("java SpongeBob arg[0]");  
            return;  
        }  
        return;  
    }  
    public SpongeBob () {  
    }  
}
```

1) prints out nothing

if it is run with java SpongeBob SquarePants

2) prints out

Usage:

java SpongeBob arg[0]

if it is run with java SpongeBob or

java SpongeBob Square Pants