Step Into Java: Output

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Java

Output

What is output?

Output

What are some ways a program displays information?

Output

System.out.print(message)
System.out.println(message)

-Java's built-in output

- print(): stays on the same line

- println(): ends with a new line

- message: anything you want

Output

How do you write a String to the screen?

-**System** followed by a dot

-**out** followed by a dot

-**print** or **println**

-an open paren(

-**message** is a String

-a close paren

-a semicolon ;

What is a String?

String Simple Definition:

- A series of characters *strung* together
- Actually, zero or more characters

What is a String?

String Advanced Definition:

- A class defined by Sun Microsystems
- A class in the java.lang package
- A class containing a character array and various methods in which to manipulate the character array.

Let's Try Our First Lab

Write a program that outputs the Happy Birthday song to the screen.

The output should look like:
Happy Birthday, to you.
Happy Birthday, to you.
Happy Birthday dear Edward,
Happy Birthday, to you.

Helpful Hints

-every time you start a new lab, make a copy of the "compile and run" example from the "1 java basics" folder
-in the file starter.java, replace the System.out.print("…… with
your new code (delete what was there).
-leave all the remaining code in place (we will learn about this stuff later).