

Mini-Activity #3 - Identifiers & Memory

Name: _____

Answer each of the following questions:

/10 (Knowledge)

What is the difference between initialization and declaration?

What is the special function of a 'final' identifier?

What is the difference between an integer and a double?

What is the difference between a String and a char?

What is the difference between a primitive identifier and an object identifier?

How much memory does the statement `int a,b; reserve?`

How much memory does the statement `double c; reserve?`

How much memory does the statement `char gender; reserve?`

How much memory does the statement `String name = new String ("Jo"); reserve?`

Why is memory important in larger program?

Give the FULL command (with proper syntax) that will perform each of the following functions:

/10 Applications

clear the screen of all existing output Command:

change the colour of all following text Command:

change the colour of all following graphics Command:

display a title, centered on the screen Command:

display HI and JO, with 10 spaces in between Command:

generate a random number from 6 to 10 Command:

generate a random number from -3 to 5 Command:

ask the user to enter their name (show both question and prompt, displayed on same output line)

Commands: