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**CSE 1310\_007**

**Task 1:**

public class Rounding {

public static void main(String[] args) {

double x = 12.7;

x--;

int y = (int) Math.round(x);

y -= 5;

y++;

System.out.printf("y = %d\n", y);

}

compile:

run:

y = 8

BUILD SUCCESSFUL (total time: 1 second)

}

If I execute this program, it will print on the main screen

**Task 2:**

public class Operations {

public static void main(String[] args) {

double x = 12.7743;

x--;

x += 2;

System.out.printf("x = %.2f\n", x);

}

compile:

run:

x = 13.77

BUILD SUCCESSFUL (total time: 0 seconds)

}

If I execute this program, it will print on the main screen

**Task 3:**

public class StringLength {

public static void main(String[] args) {

String a = "hello";

a += "!";

a += "123";

int b = a.length();

System.out.printf("a = %s\n", a);

System.out.printf("The length of a is %d characters.\n", b);

System.out.printf("The length of a is %d characters.\n", a.length());

}

}

compile:

run:

a=hello!123

the length of a is 9 characters.

the length of a is 9 characters.

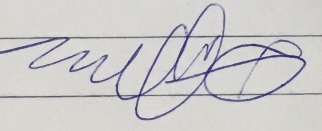
BUILD SUCCESSFUL (total time: 0 seconds)

If I execute the program, it will print out

I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

Student’s signature.



Gia Dao