CS 170 ch.4 Lab 2

# Task 1

Question: Create a trace table(your table should have 4 columns; one for each variable and an output column) for the following code:

     int i = 0;

     int j = 10;

     int n = 0;

while (i != j)

{

    i = i + 2;

    j = j - 2;

    n++;

    System.out.println("Keep Going");

}

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# Task 2

Question: Write code that sums up all the even numbers between 0 and 50 using a for loop. Print the results with a descriptive print statement.

**Sample Run:**

The result of all the even numbers between 0 and 50 is ??    (this represents the result that you get)

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# Task 3

Question: Students will write code using nested loops to accomplish the following design:

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Note: you may only print 2 characters at a time so basically "-\*". The extra dash at the end is not a mistake:)

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# Task 4

Question: Write a program that prints a table of powers for all the even numbers between 10 and 20. Calculate the power of 1,2,3,4, and 5. (refer to slide 90 in our power points)

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