

Laboratory Exercises 7

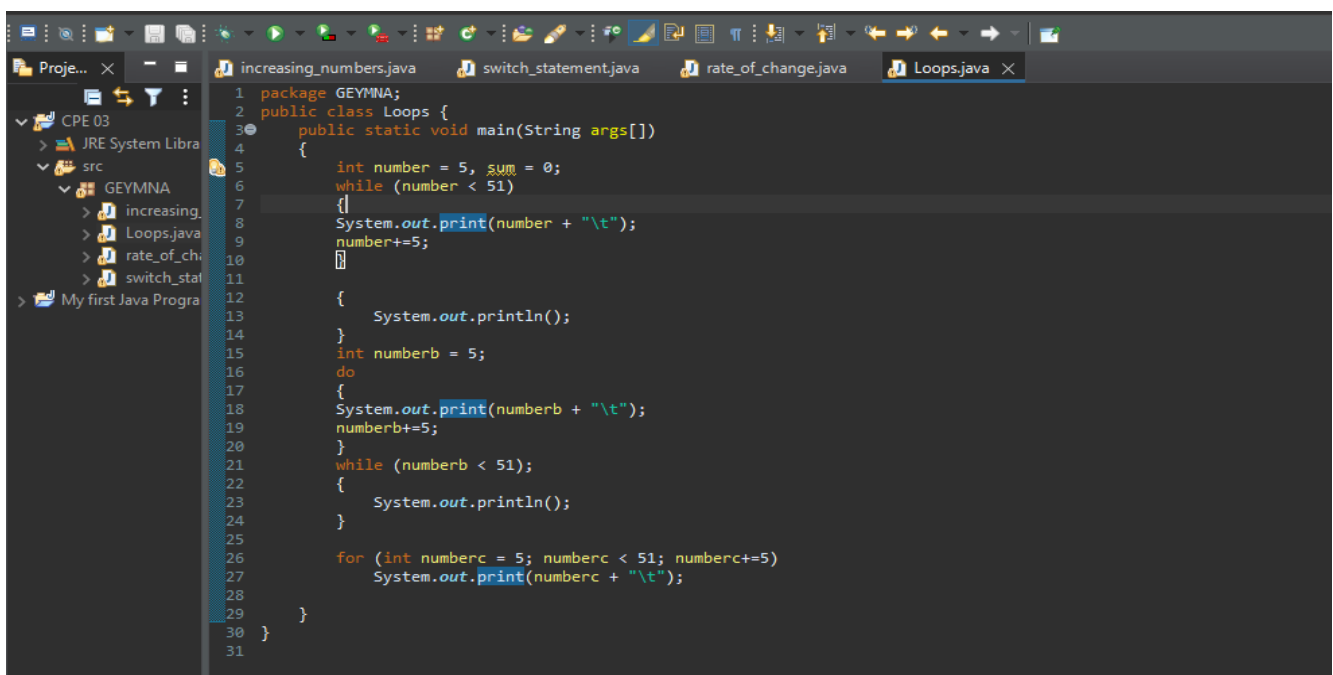
Loops

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Date: 11/11/2021
Score: _____

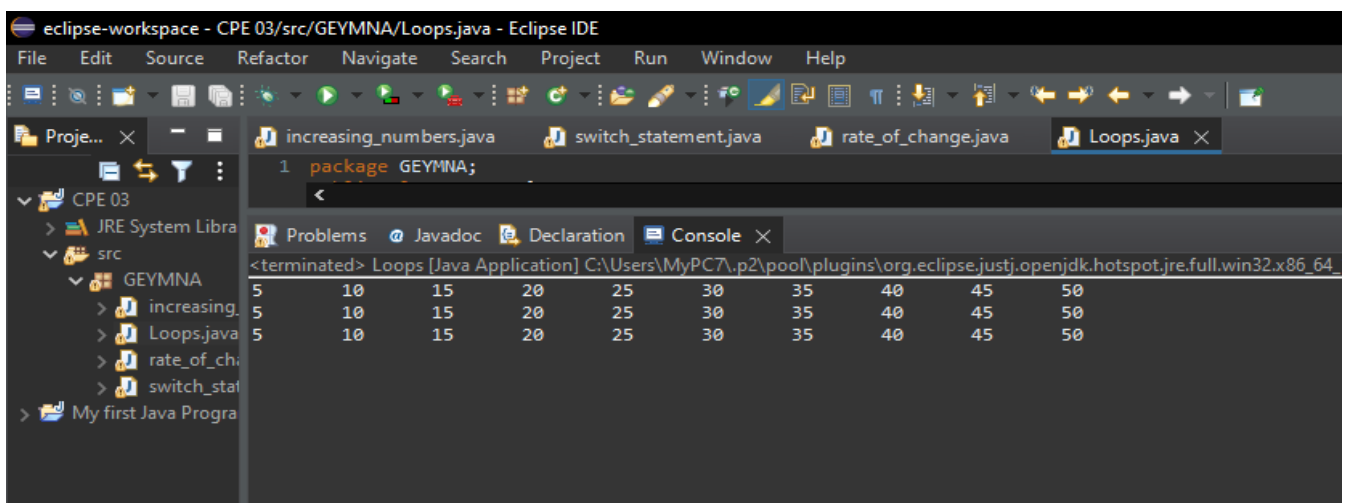
1. Write a program to give the example of loop statements.
 - a. while statements
 - b. do statements
 - c. for loop

POGRAM:



```
1 package GEYMNA;
2 public class Loops {
3     public static void main(String args[])
4     {
5         int number = 5, sum = 0;
6         while (number < 51)
7         {
8             System.out.print(number + "\t");
9             number+=5;
10        }
11
12        {
13            System.out.println();
14        }
15        int numberb = 5;
16        do
17        {
18            System.out.print(numberb + "\t");
19            numberb+=5;
20        }
21        while (numberb < 51);
22        {
23            System.out.println();
24        }
25
26        for (int numberc = 5; numberc < 51; numberc+=5)
27            System.out.print(numberc + "\t");
28
29    }
30 }
31
```

OTPUT:



```
eclipse-workspace - CPE 03/src/GEYMNA/Loops.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
1 package GEYMNA;
<
<terminated> Loops [Java Application] C:\Users\MyPC7\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_
5 10 15 20 25 30 35 40 45 50
5 10 15 20 25 30 35 40 45 50
5 10 15 20 25 30 35 40 45 50
```

2. Write a program that asks the user to enter certain number, after that asks him to enter another 20 numbers, after entering them all, it prints out the number of occurrences of the first number. See the below example (text shown in boldface is supposed to be user input).

Enter number to search for: **2**

Enter a number: (20 times)

2 3 56 7 9 2 4 5 5 6 2 21 33 19 32 88 0 32 100 20

The number (2) occurred 3 times in your input.

