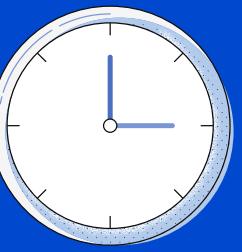


Java Loops Homework-8



TASK-1

Description

Write the program to print following structure using for loop:

```
1  
11  
111  
1111  
11111  
111111
```



TASK-2

Description

Write a program to find the number and sum of all integer between 100 and 200 which are divisible by 11 using for loop.

Expected Output :

Numbers between 100 and 200, divisible by 11 :

110 121 132 143 154 165 176 187 198

The sum : 1386



TASK-3

Description

Write a program to display the n terms of square natural number and their sum.

1 4 9 16 ... n Terms.

For Example

Test Data :

Please Input the number of terms :

5

Expected Output :

The square of natural number upto 5 terms are :1 4 9 16 25

The Sum of Square Natural Number upto 5 terms = 55



TASK-4

Description

Using scanner ask user to provide the any int value. Then find the product number of given int. The product number is equals to multiplication of all the digits of given int and minus sum of all digits.

For Example:

Given Input:

4528

Multiplication of Digits: $4*5*2*8$

Sum Of all the digits: $4+5+2+8$

Product number is equals to : multiplication-sum



TASK-5

Description

Write a do-while loop that asks the user to enter three numbers. The numbers should be added and the sum displayed. The loop should ask the user whether he or she wishes to perform the operation again. If so, the loop should repeat; otherwise it should terminate.

