**Date:** *04-Jun-2025*

**Name:** *Vivek Samant*

**Empid:** *109085619*

**alias:** *samantvs*

**Tasks:**

**Java version: 17**

**IDE: VS, intellij, eclipse**

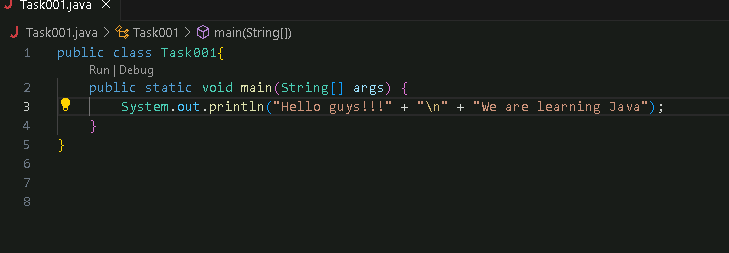
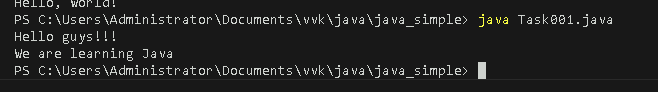
**Task 001:**

**Create a code to display**

**“Hello guys!!!! “**

**“We are learning Java”**

**Using a single output statement…**



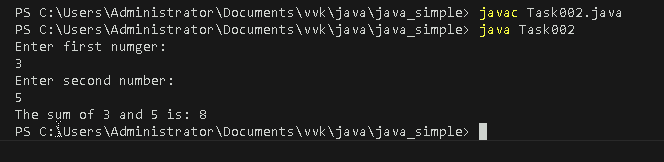
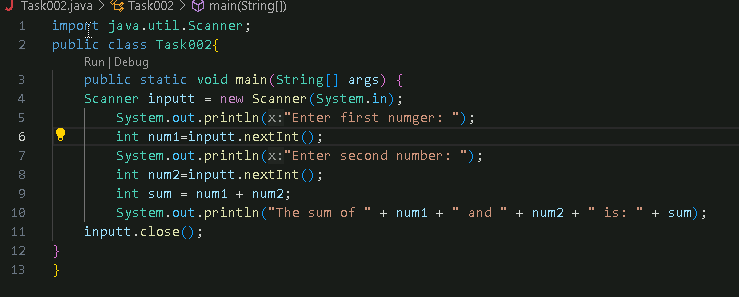
**Task 002:**

**Write a Program in Java to Add two Numbers.**

**Input: 2 3**

**Output: 5**

**5 min 11.44 to 11.49**



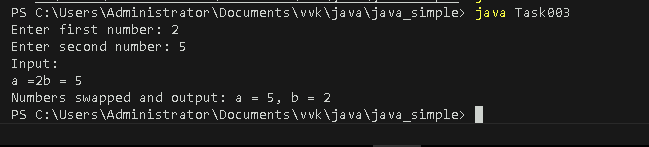
**Task 003:**

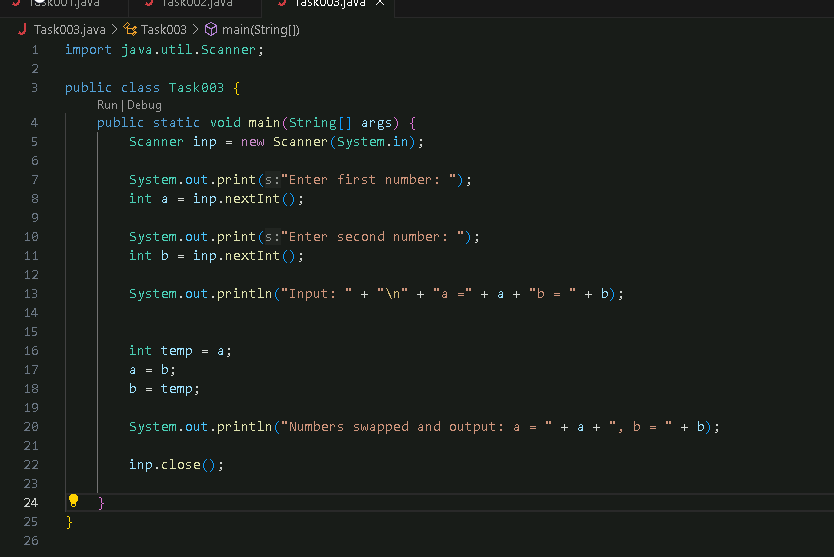
**Write a Program to Swap Two Numbers**

**Input: a=2  b=5**

**Output: a=5  b=2**

**5 min 11.50 to 11.54**





**Task 004:**

**Create a code in which you have 4 methods add, subtract, multiply and divide (return type int) with a main** [**method..to**](http://method..to) **all all the other methods**

**Out put:**

**Main started**

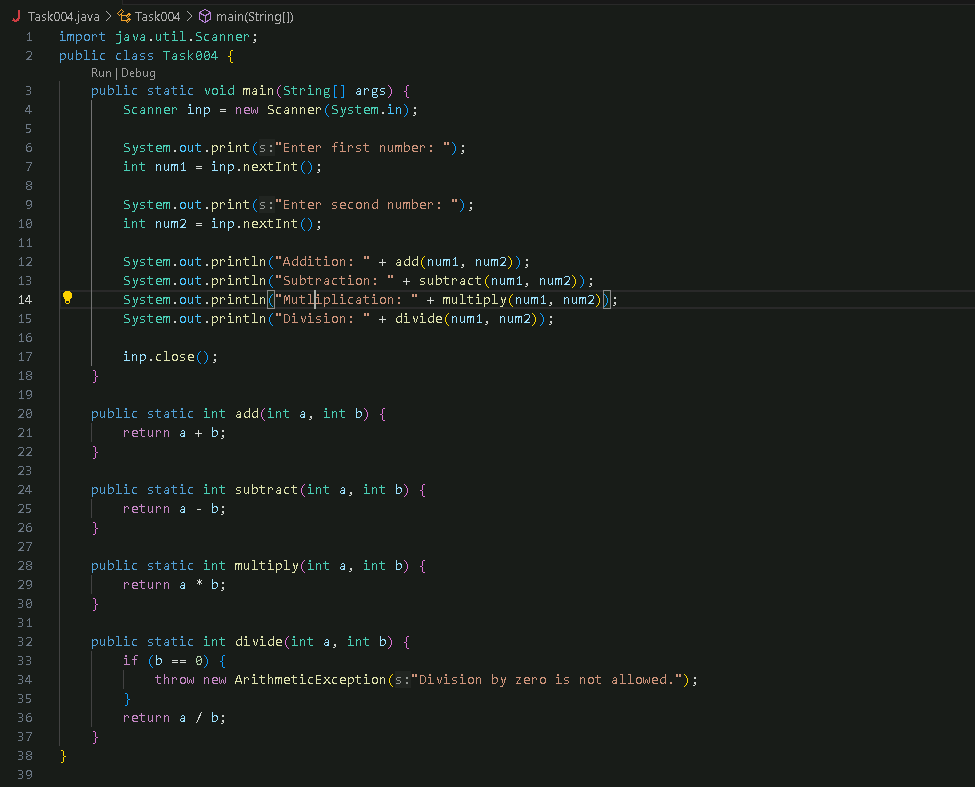
**Sum of 2 numbers is …..**

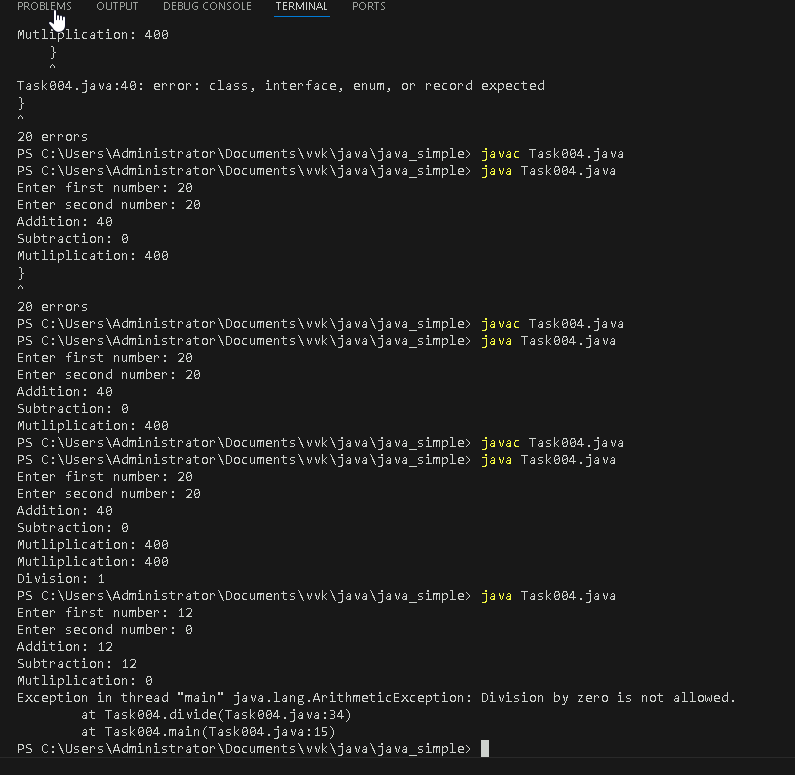
**Diff of 2 numbers is —-**

**Product of 2 numbers ….**

**Division of 2 numbers is ….**

**Main ended**

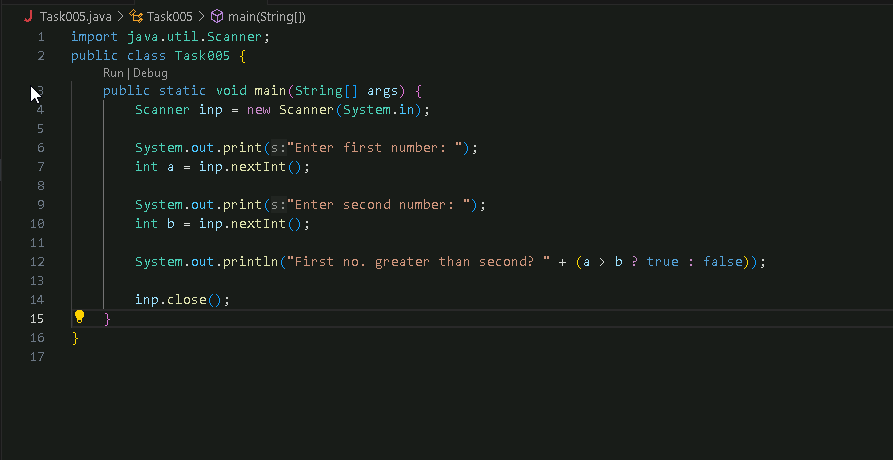
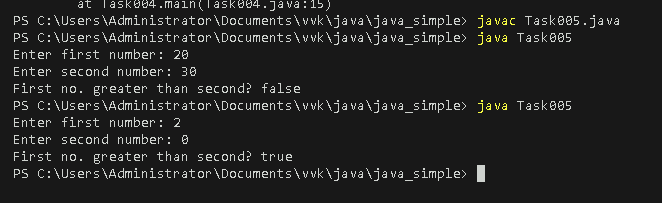


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**Task 005:**

**Write a program to check if a is greater or b.. Use ternary op**

**12.14 to 12.18**



Task 006:

Write a program to take input from the user and display it to the user

Input:

Id : Prasunamba

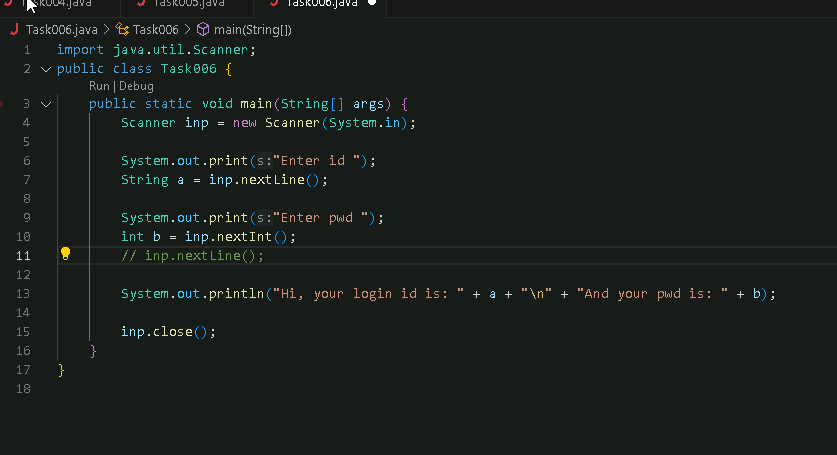
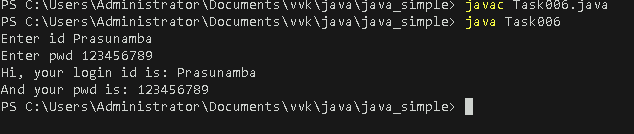
Pwd: 123456789

Output:

Hi ,

Your login id is Prasuanmba

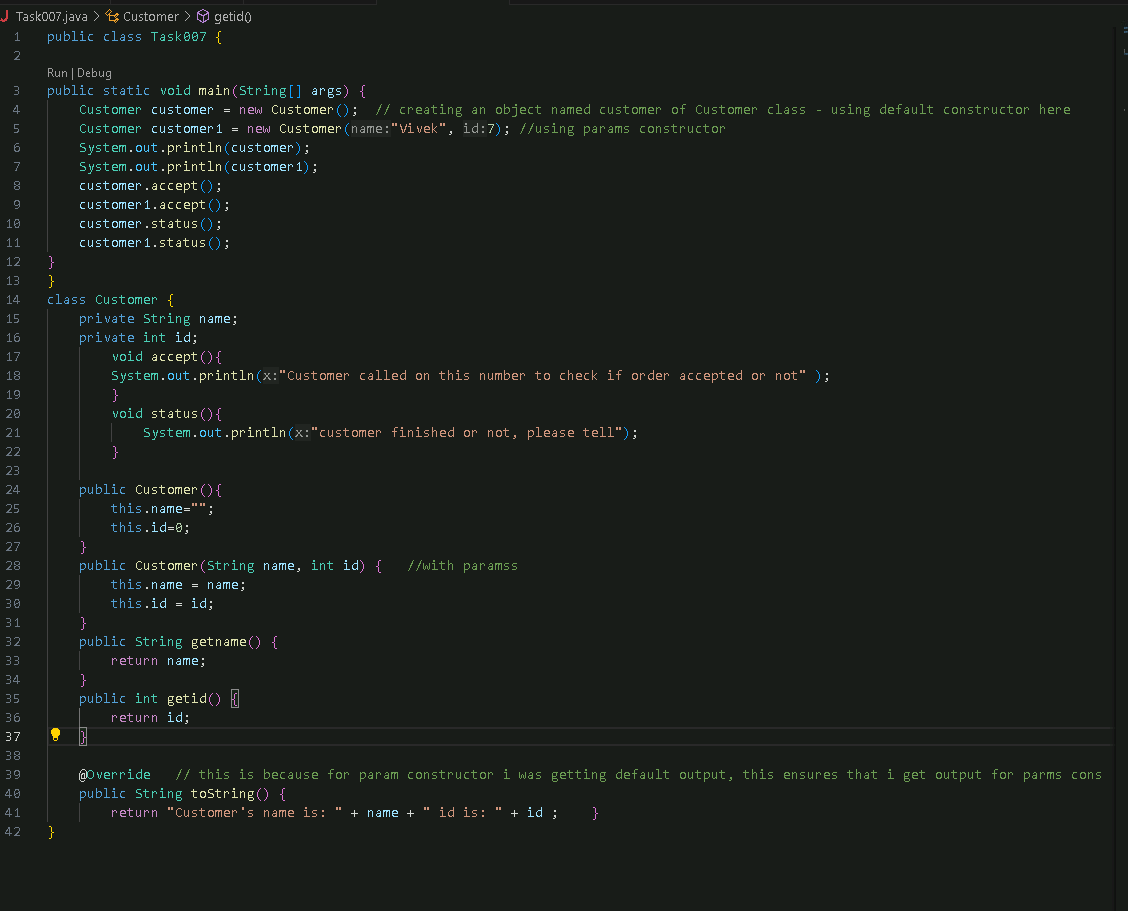
And your pwd is \*\*\*\*\*\*\*\*\*

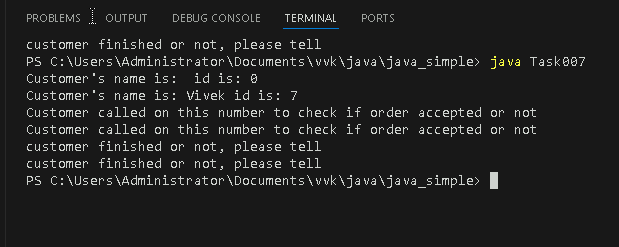


**Task 007:**

**Write a program to create a class named Customer**

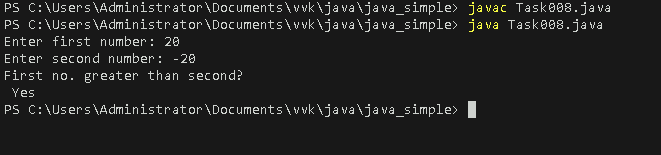
**Call the customer class in Task007 class using an object**

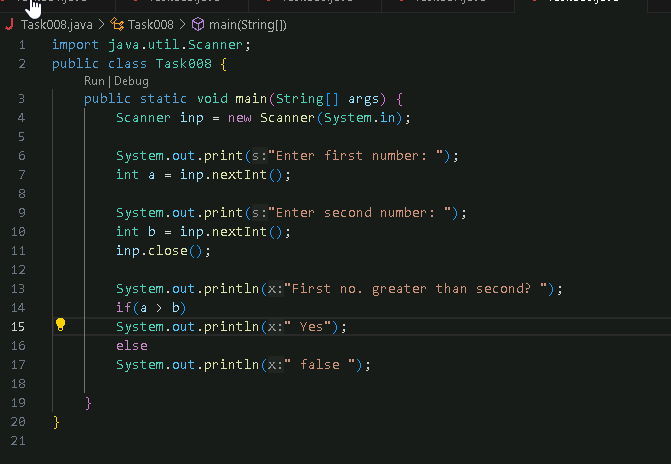




**Task 008: Task 008:**

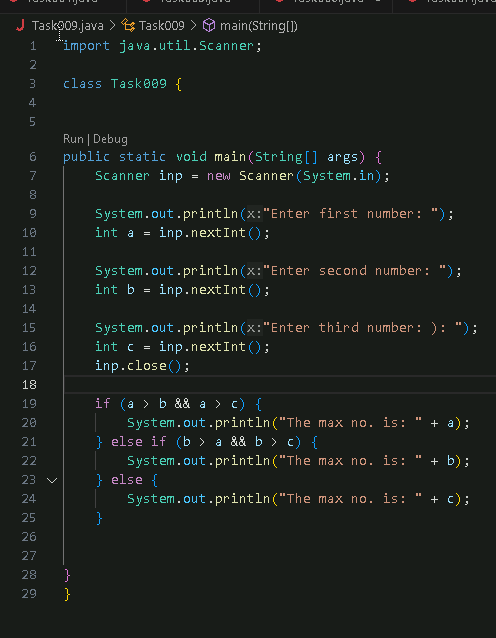
**Wap to check the greater of 2 numbers**

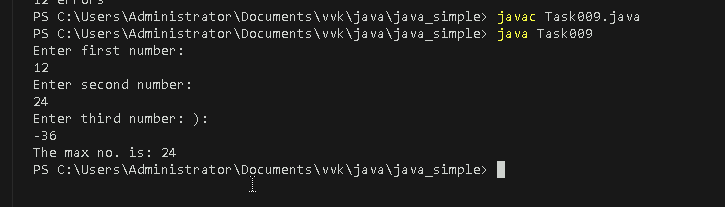




**Task 009**

**Wap to check greater of 3 numbers**





**Task 010: Wap to check if check week days**

**1  ===> sunday**

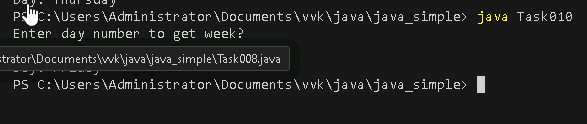
**2 ===> monday**

**So on**

**8 and above ===> invalid input**

**Hint : use Switch case**

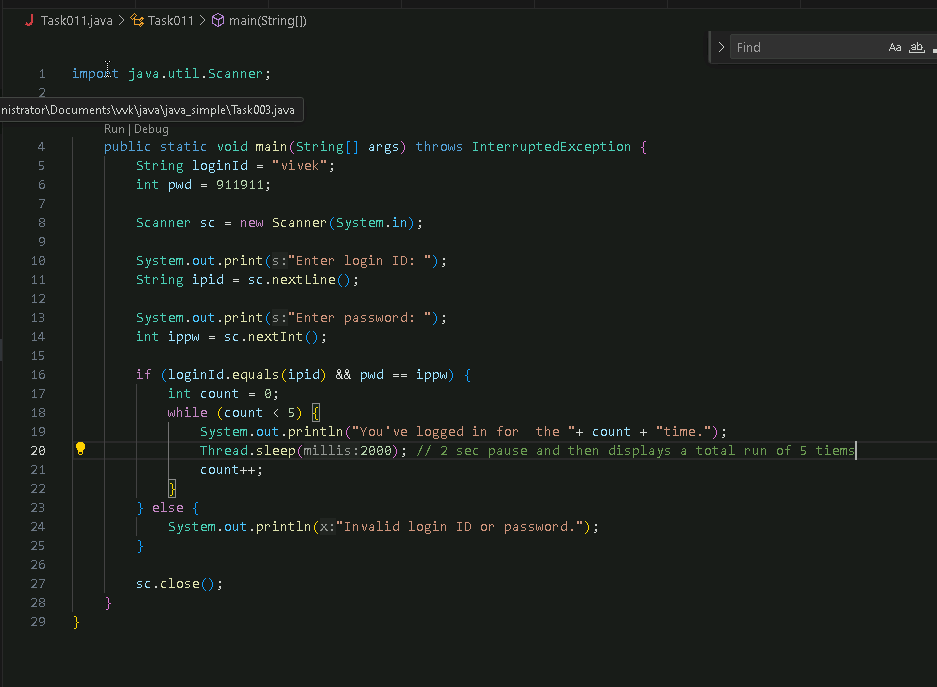
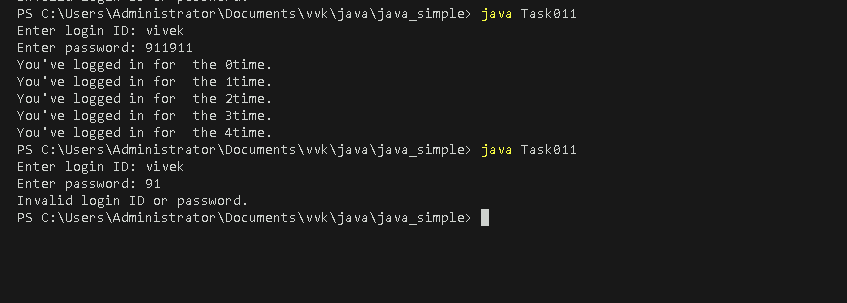




**Task 011:**

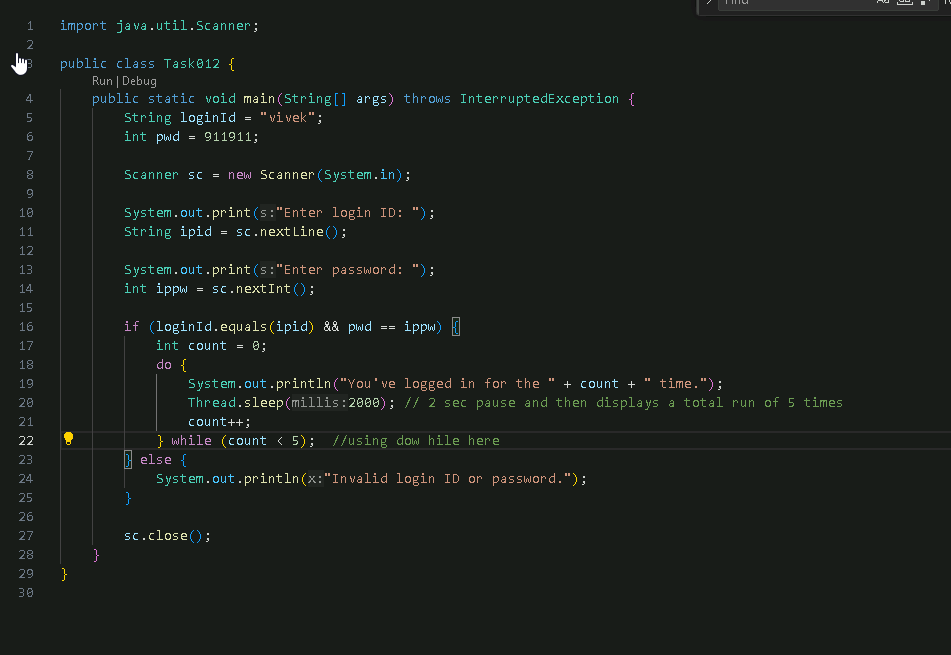
**Wap to check loginid and password validation**

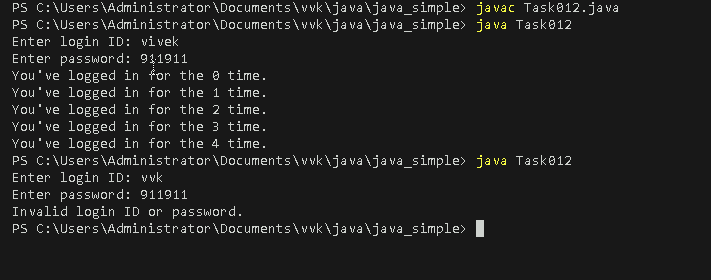
**Hint use while loop**



**Task 012:**

**Task 11 question but with do while loop**





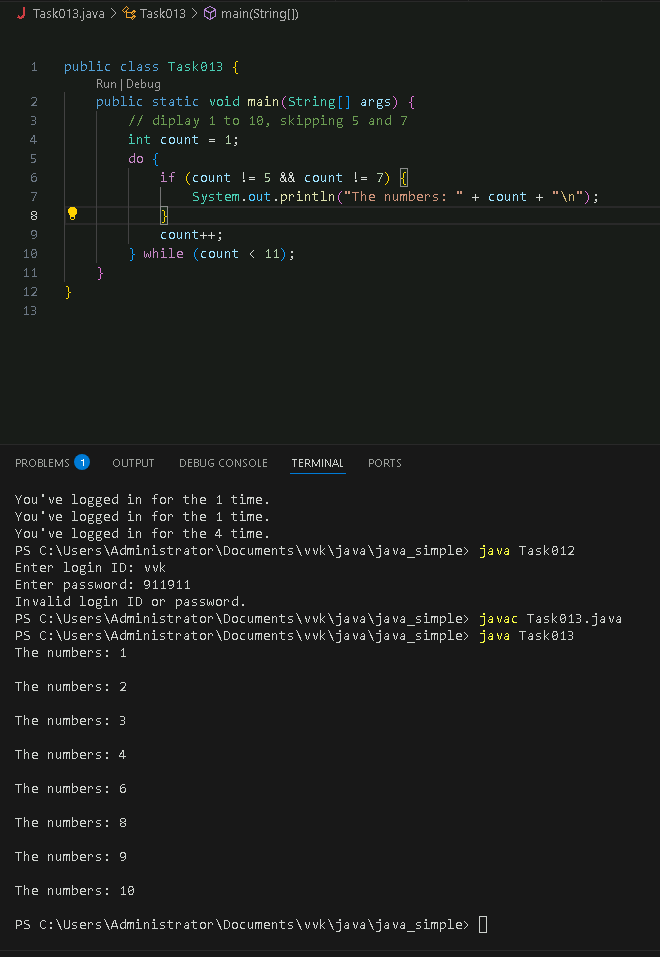
Task 013:

Wap to display numbers from 10 to 1 .. skip 7 and 5.

for(int i= 10; i >0; i–){

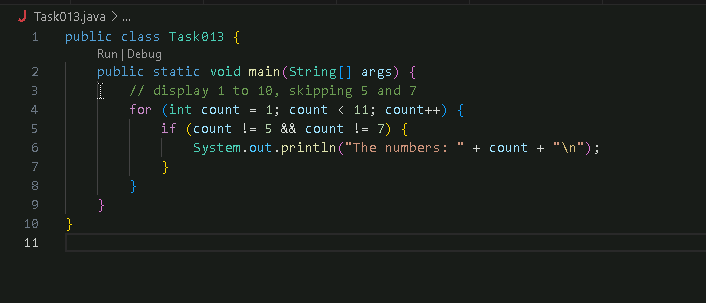
If ( i == 5 || i == 7){

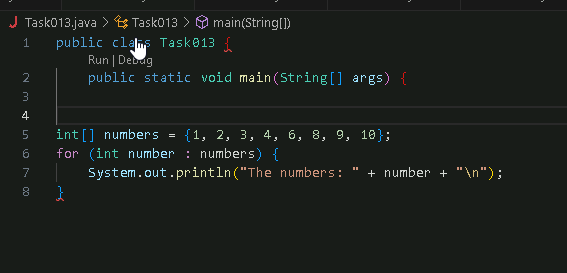
Continue;

 sout(i);

}

**Now using for loop and enhanced for:**





Task 014:

Arrays:

Try the below code and display the output…

Now play with it try to access 5th index and see the output…and try to access -1 index and see the output..

package Arrays;

public class Demo01 {

public static void main(String[] args) {

// TODO Auto-generated method stub

char[] arr = {'a','e','i','o','u'};

System.out.println(arr);

String[] names = {"Meena", "Tina", "Veena", "heena"};

System.out.println(names[0]);

names[1]= "Reena";

System.out.println(names[1]);

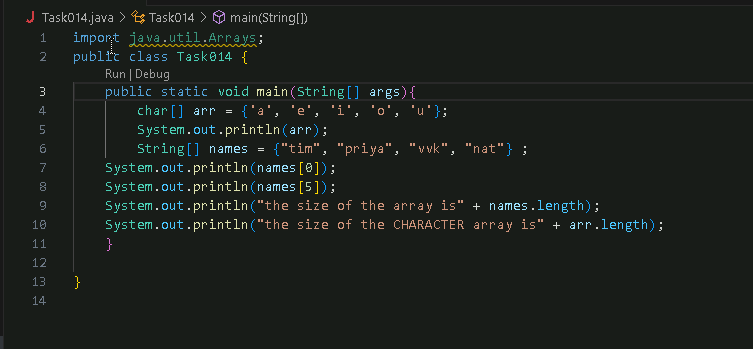
System.out.println(names.length);

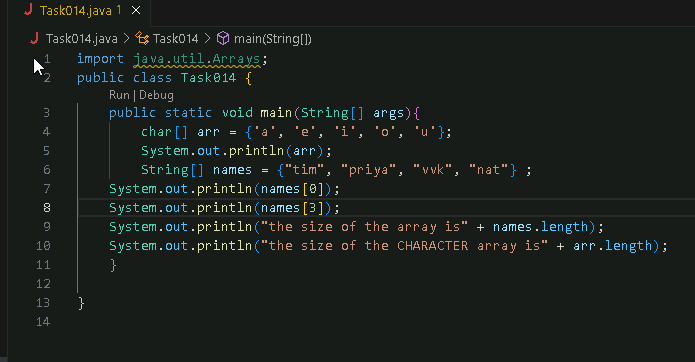
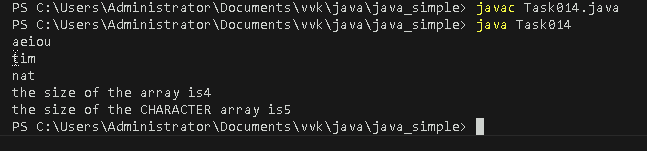
System.out.println(names[4]);

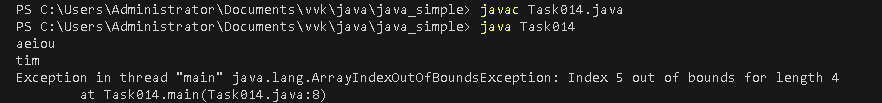
//Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException

}

}





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**Strings:**

**Task 015:**

**package StringHandling;**

**public class Demo01 {**

**public static void main(String[] args) {**

**// TODO Auto-generated method stub**

**String str1 = "Java Strings "; // string Literal**

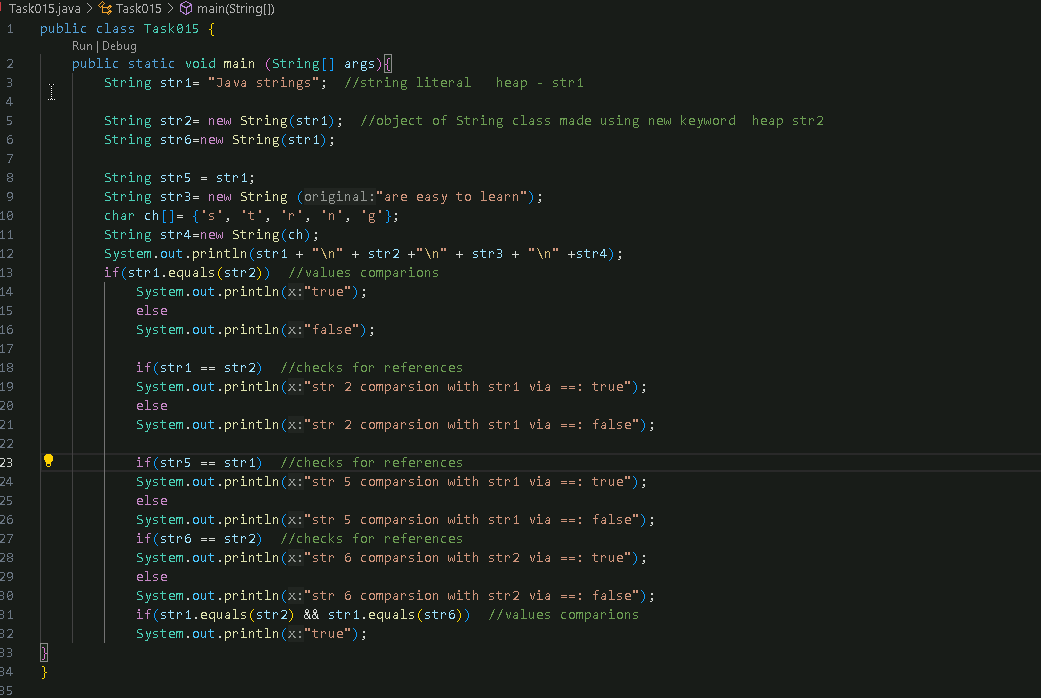
**String str2 = new String(str1); // obj of the string - new keyword**

**String str3 = new String("are easy to learn ");**

**char ch[] = {'S', 't', 'r' ,'i', 'n', 'g'};**

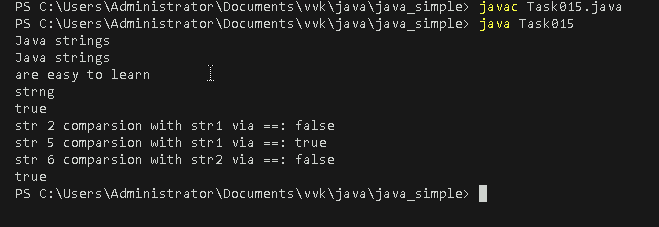
**String str4 = new String(ch);**

**System.out.println(str1 + "\n" + str2 + "\n" +str3 + "\n" +str4);**



**}**

**}**



**Task 016 Enums or Enumerations**



