Day7:4th:June

Name: Aravind kasanagottu

Id:mvsnarav

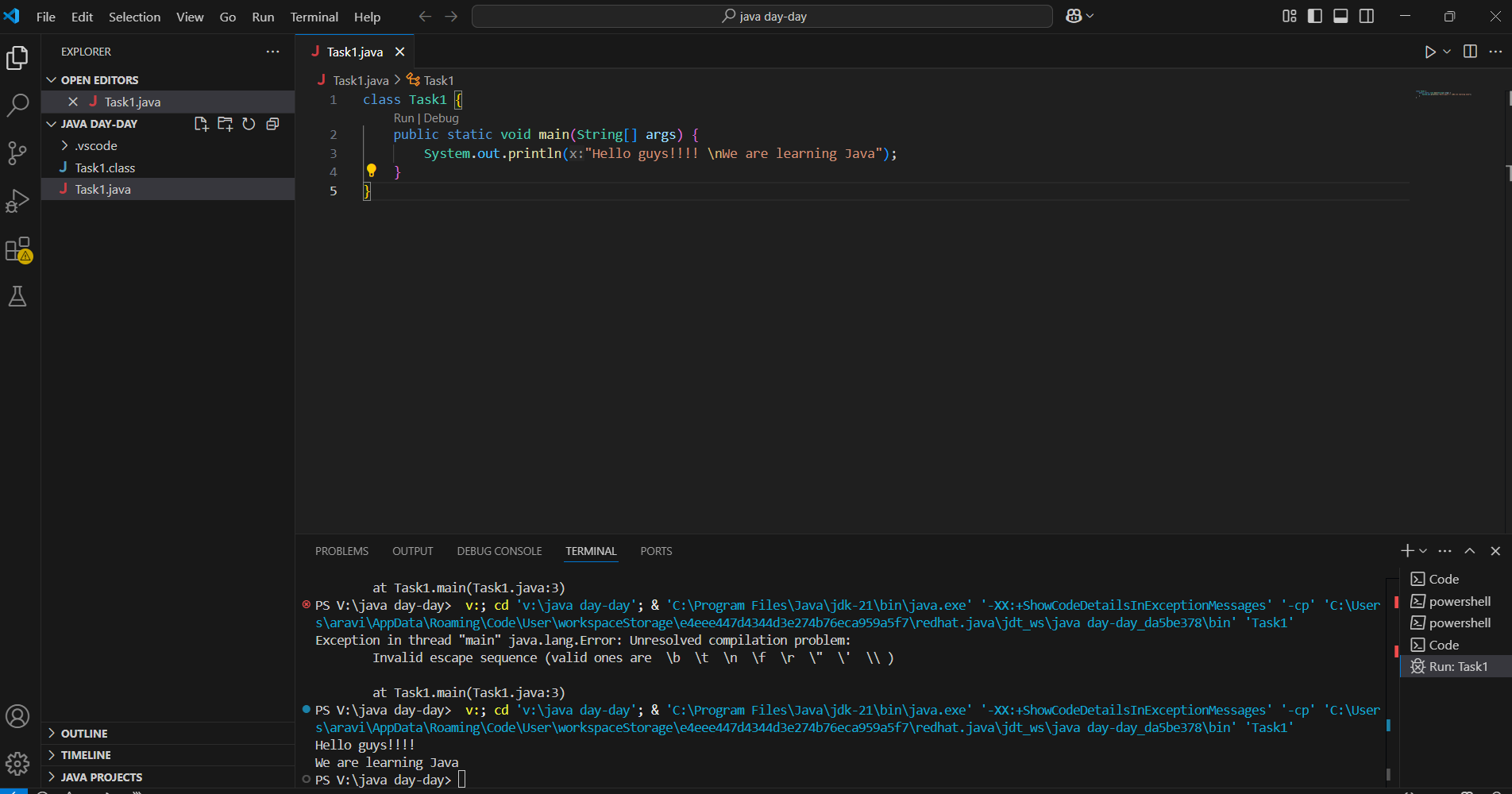
Task 001:

Create a code to display

“Hello guys!!!! “

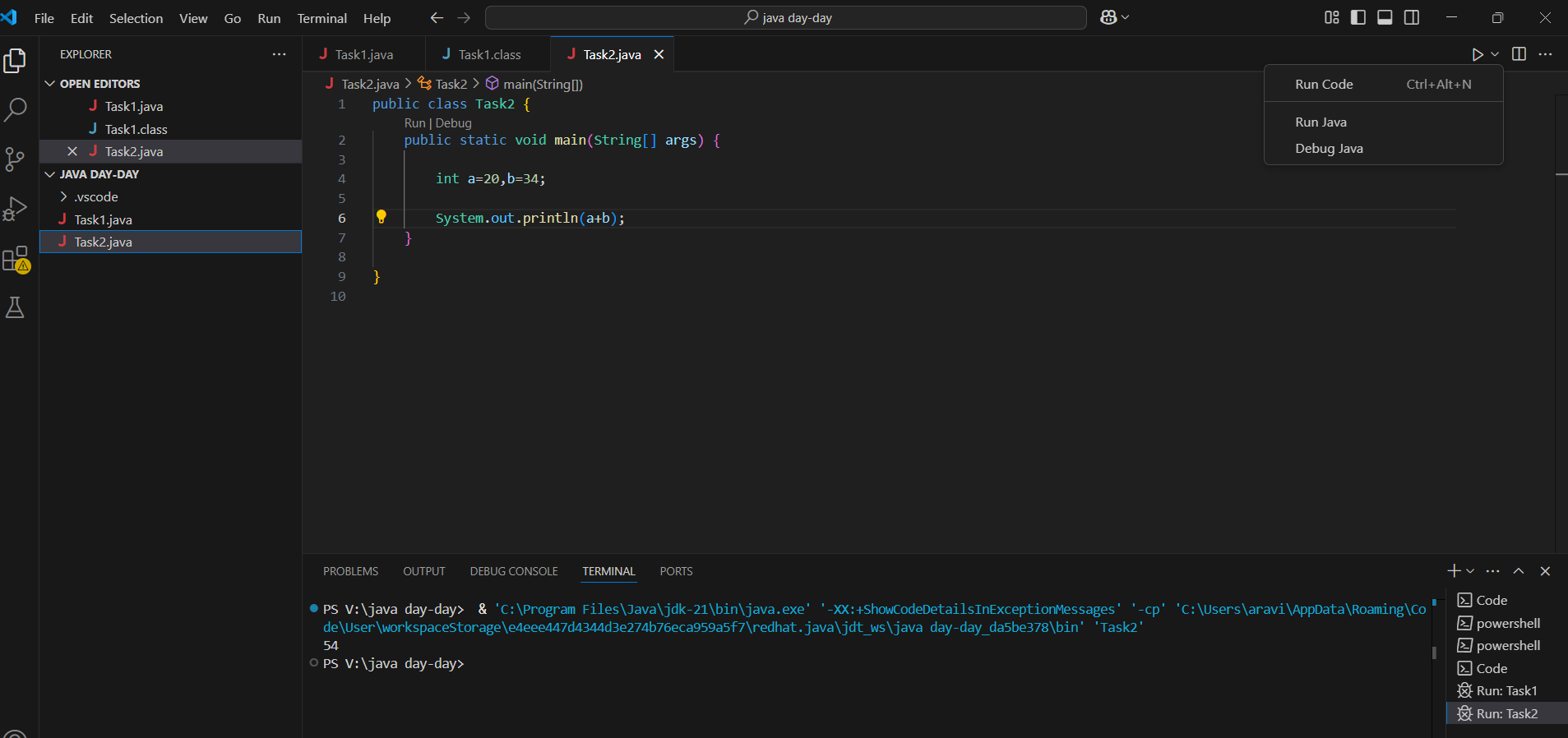
“We are learning Java”

Using a single output statement…



Task 002:

 Write a Program in Java to Add two Numbers.

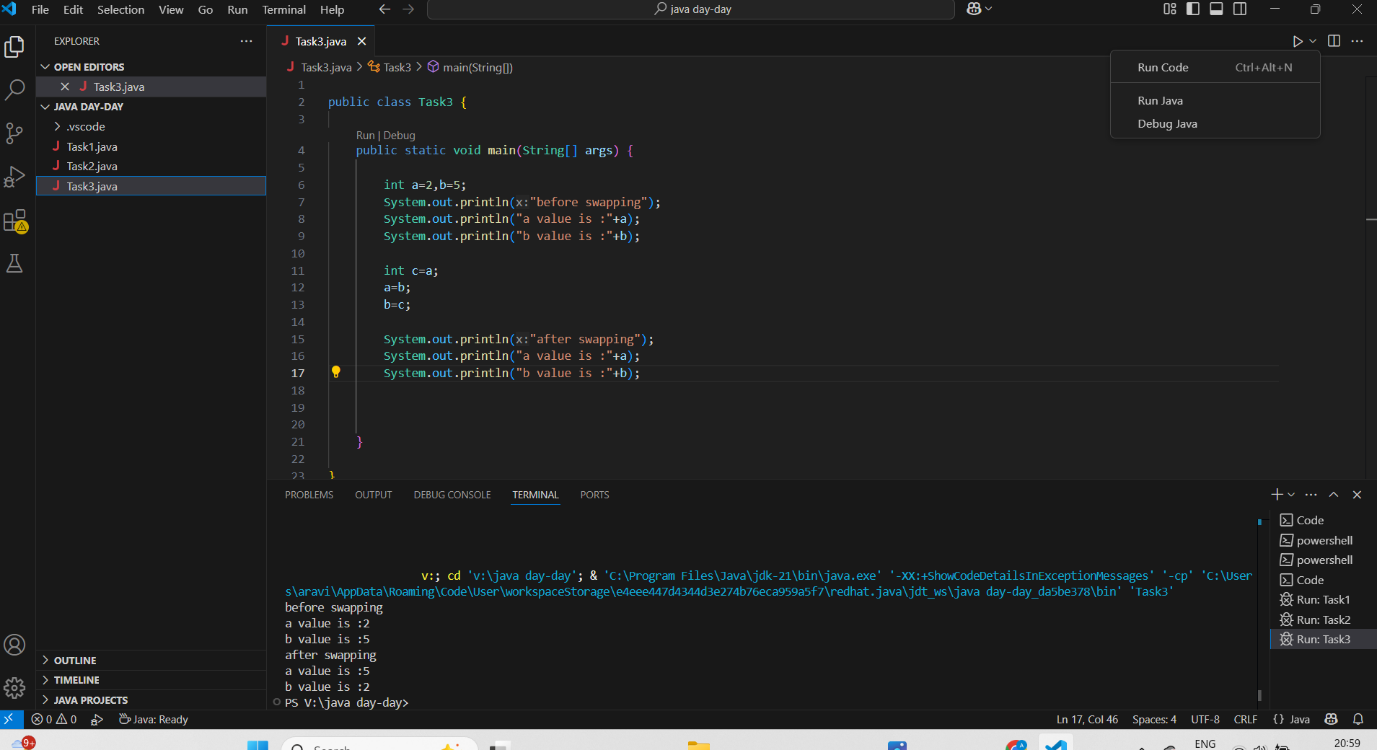


Task 003:

Write a Program to Swap Two Numbers

Input: a=2  b=5

Output: a=5  b=2



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) call all the other methods

Out put:

Main started

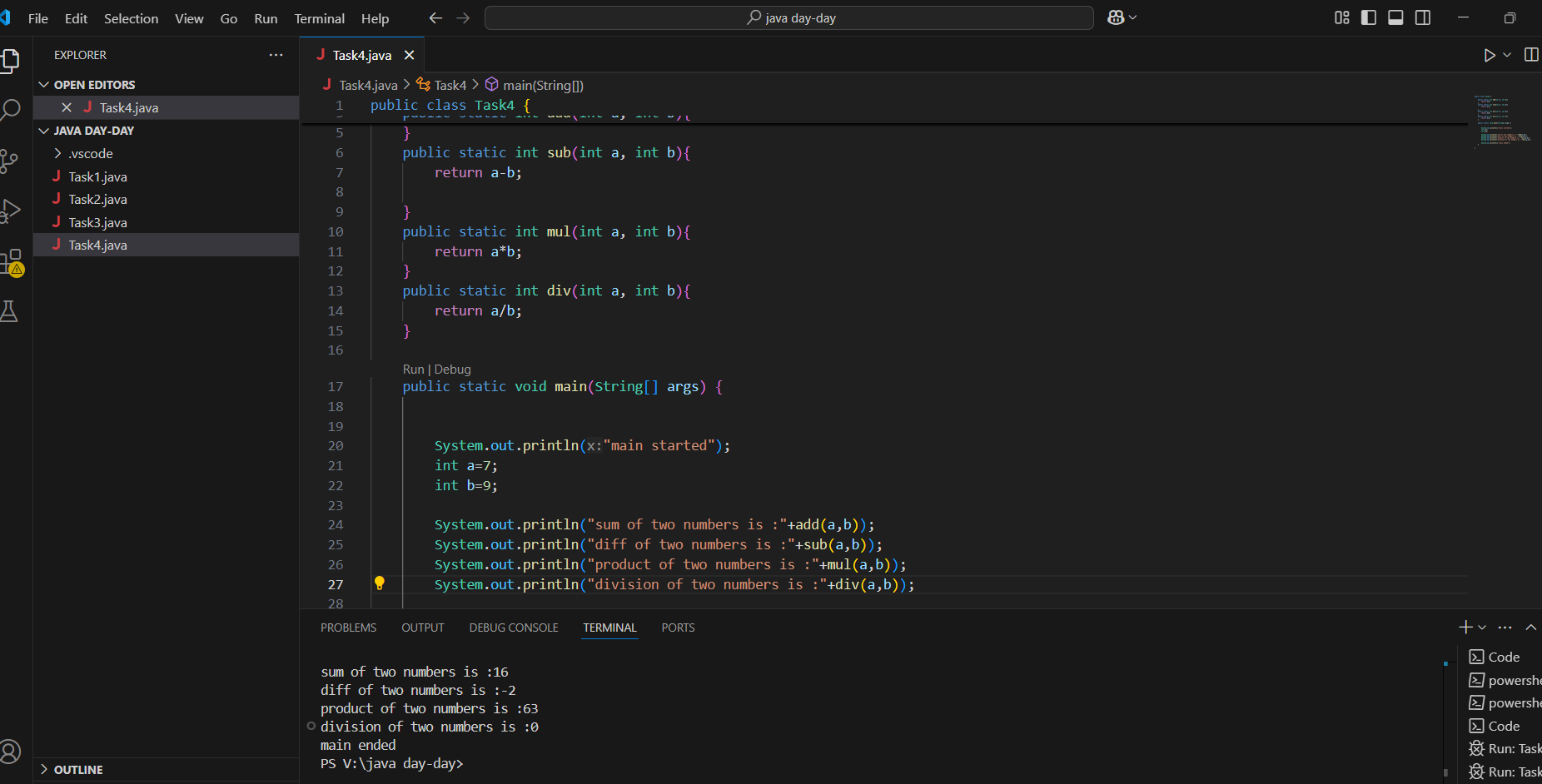
Sum of 2 numbers is …..

Diff of 2 numbers is —-

Product of 2 numbers ….

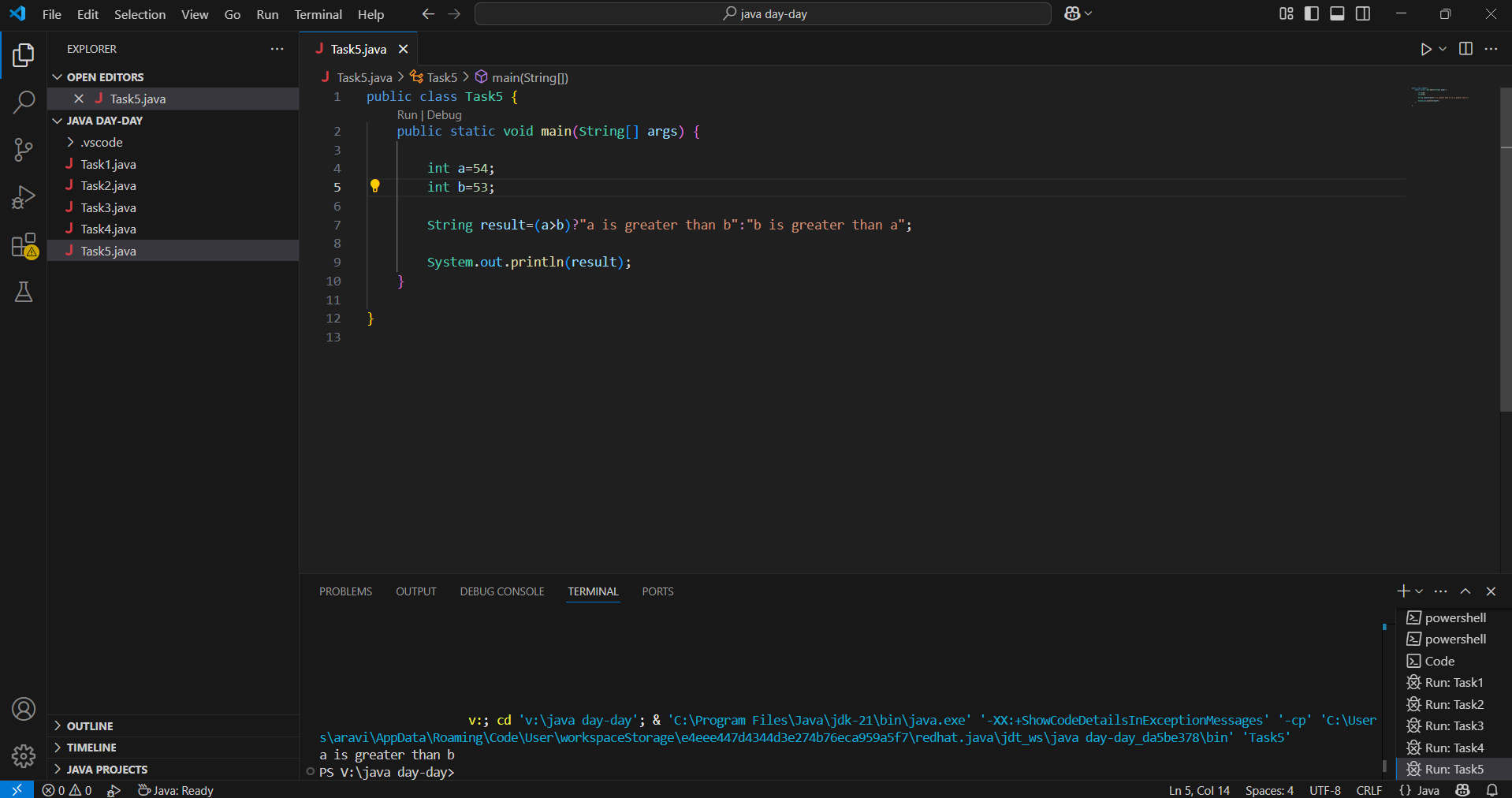
Division of 2 numbers is ….

Main ended



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

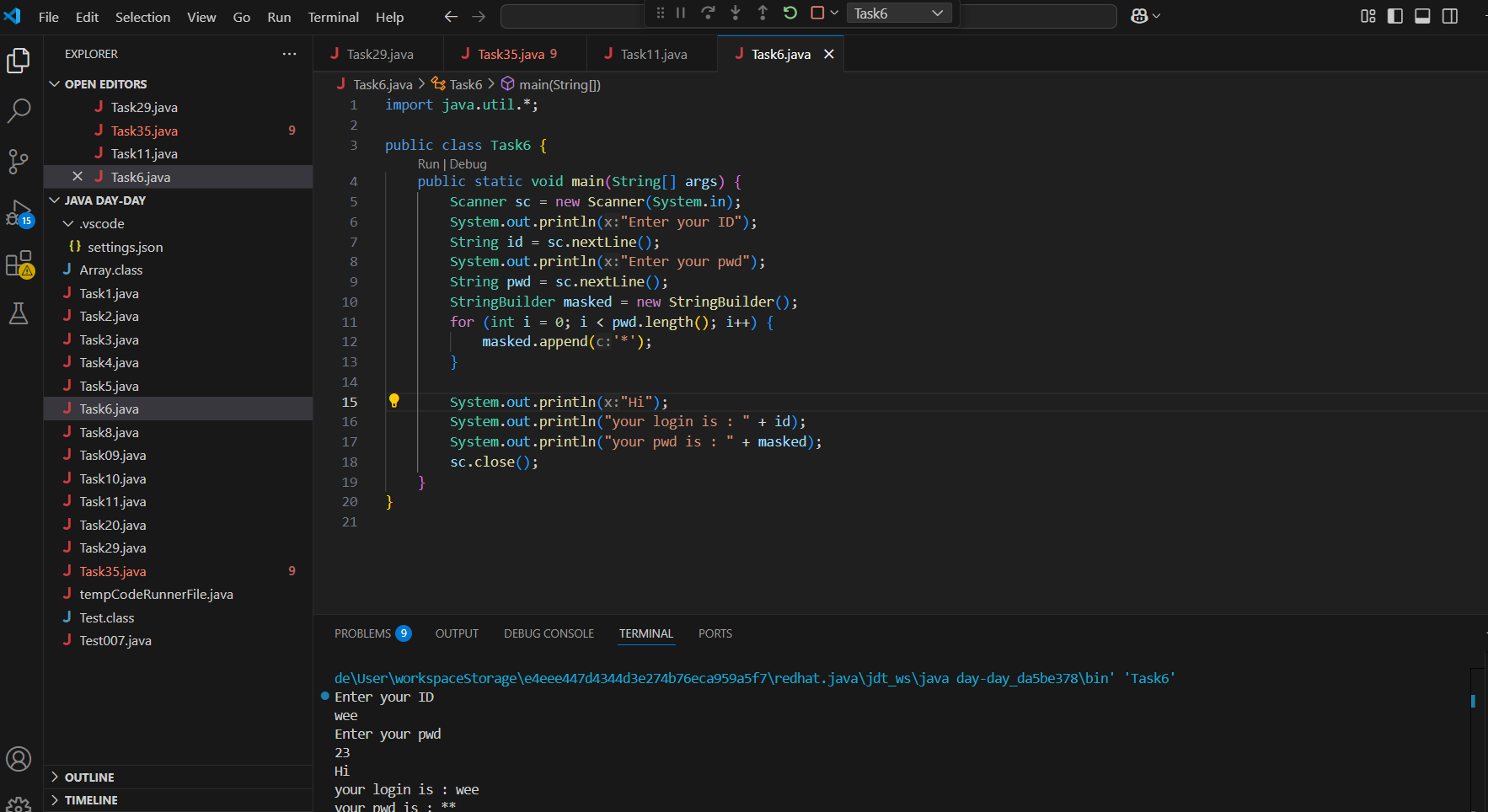
Pwd: 123456789

Output:

Hi ,

Your login id is Prasunamba

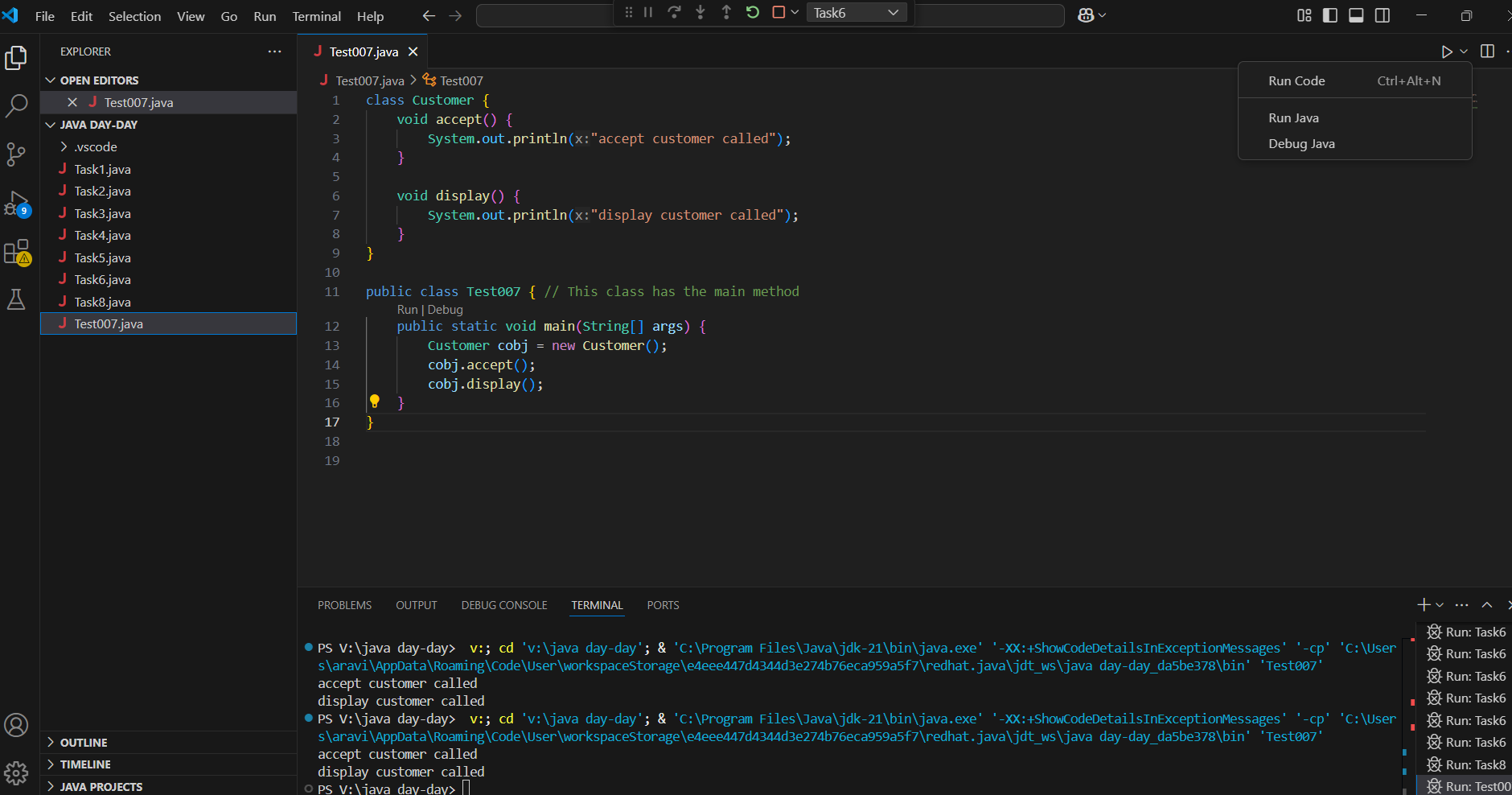
And your pwd is \*\*\*\*\*\*\*\*\*



Task 007:

Write a program to create a class named Customer

Call the customer class in Task007 class using an object



Hint

In the main method

Class Customer{

  Void accept(){

sysout(“accept customer called”);

}

Void display(){

sysout(“display customer called”);

}

}

Public class Test007{

psvm(String[] argos){

Customer cobj = new Customer();

cobj.accept();

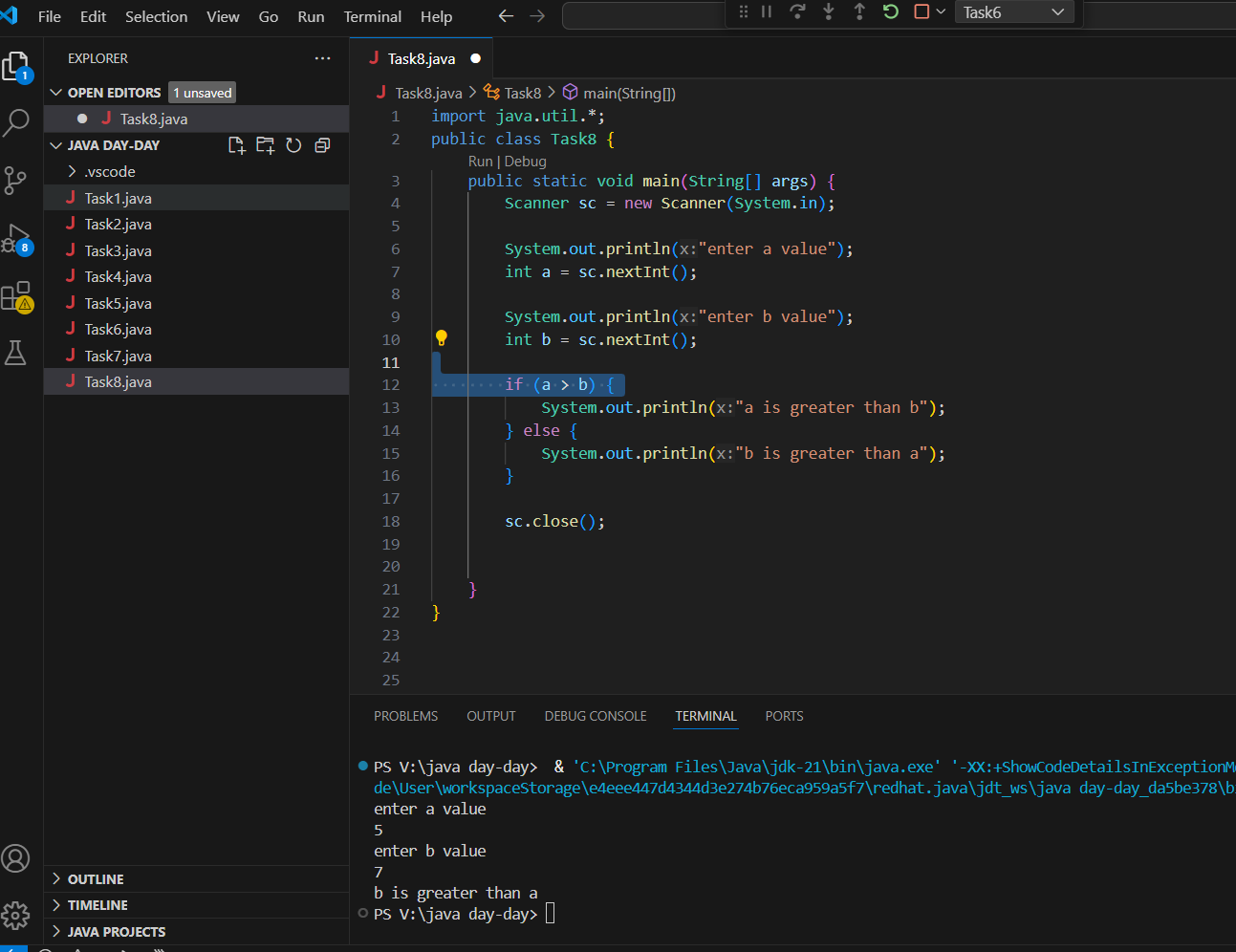
cobj.display();

}

}

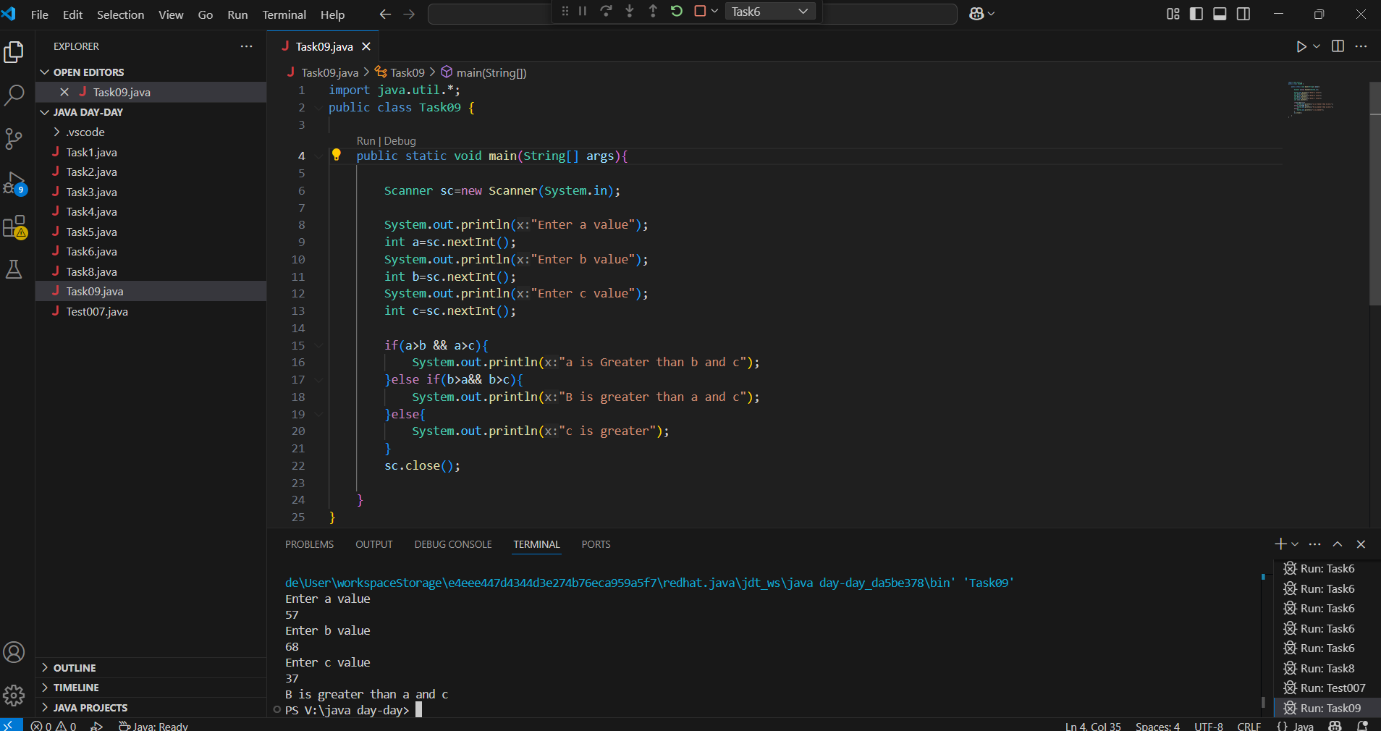
Task 008:

Wap to check the greater of 2 numbers



Task 009

Wap to check greater of 3 numbers



Task 010:

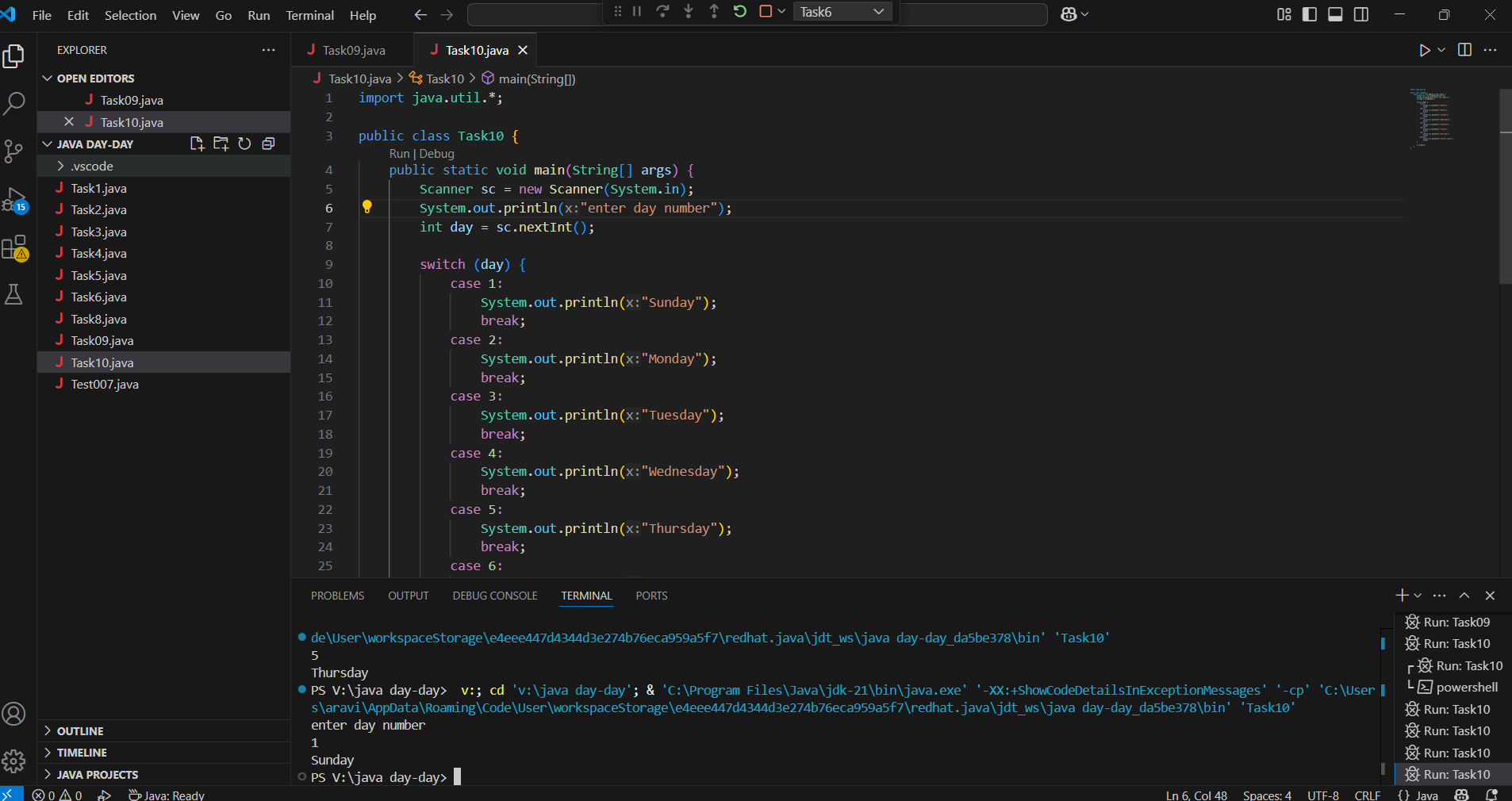
Wap to check if  week days

1  ===> sunday

2 ===> monday

So on

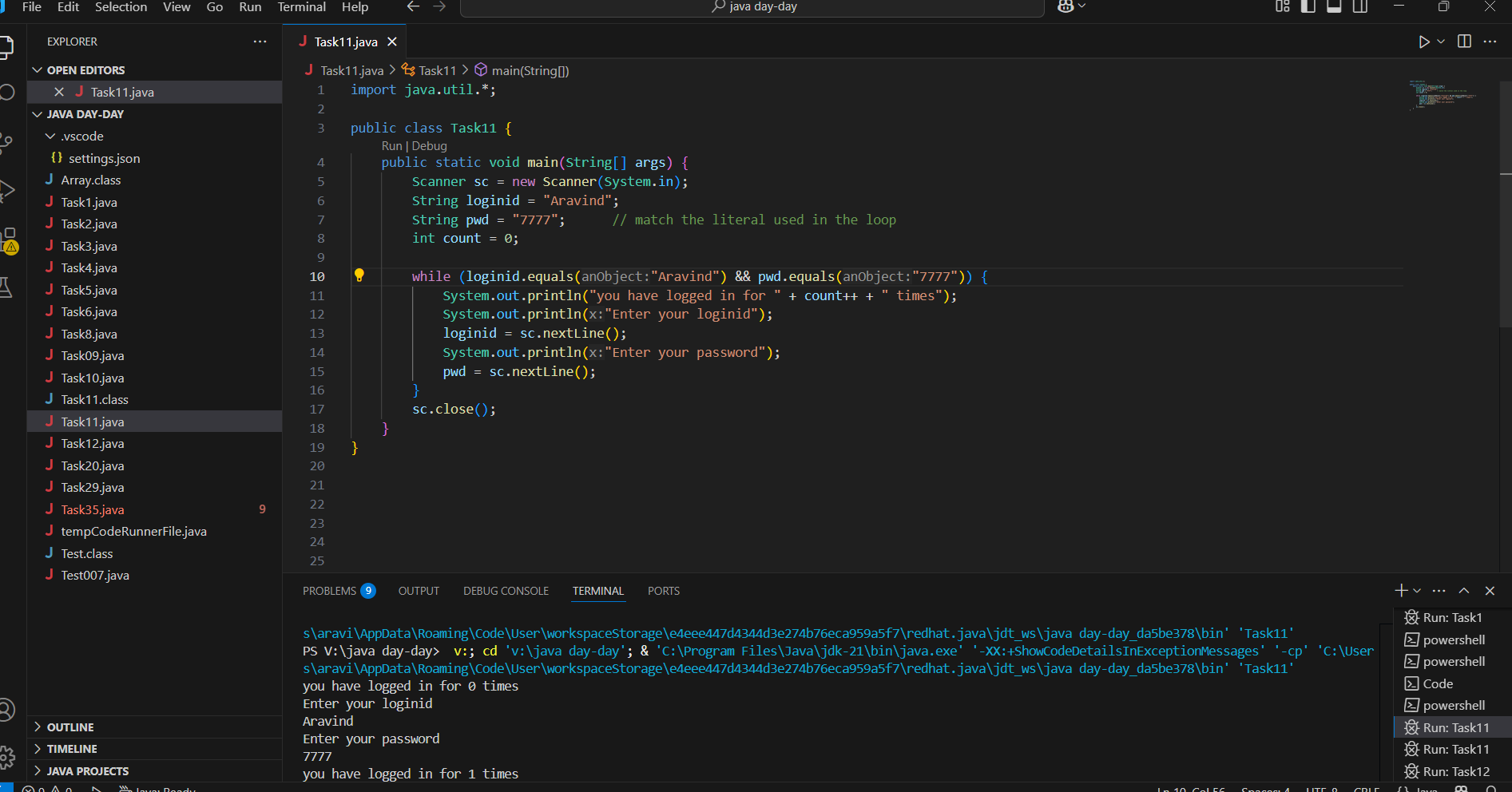
8 and above ===> invalid input



Task 011:

Wap to check loginid and password validation

Hint use while loop



Task 012:

Same as above qn but use do while loop

Scanner sc = new Scanner(System.in);

String loginid = “Prasunamba”

String pwd = “12345867”

Int Count = 0;

do{

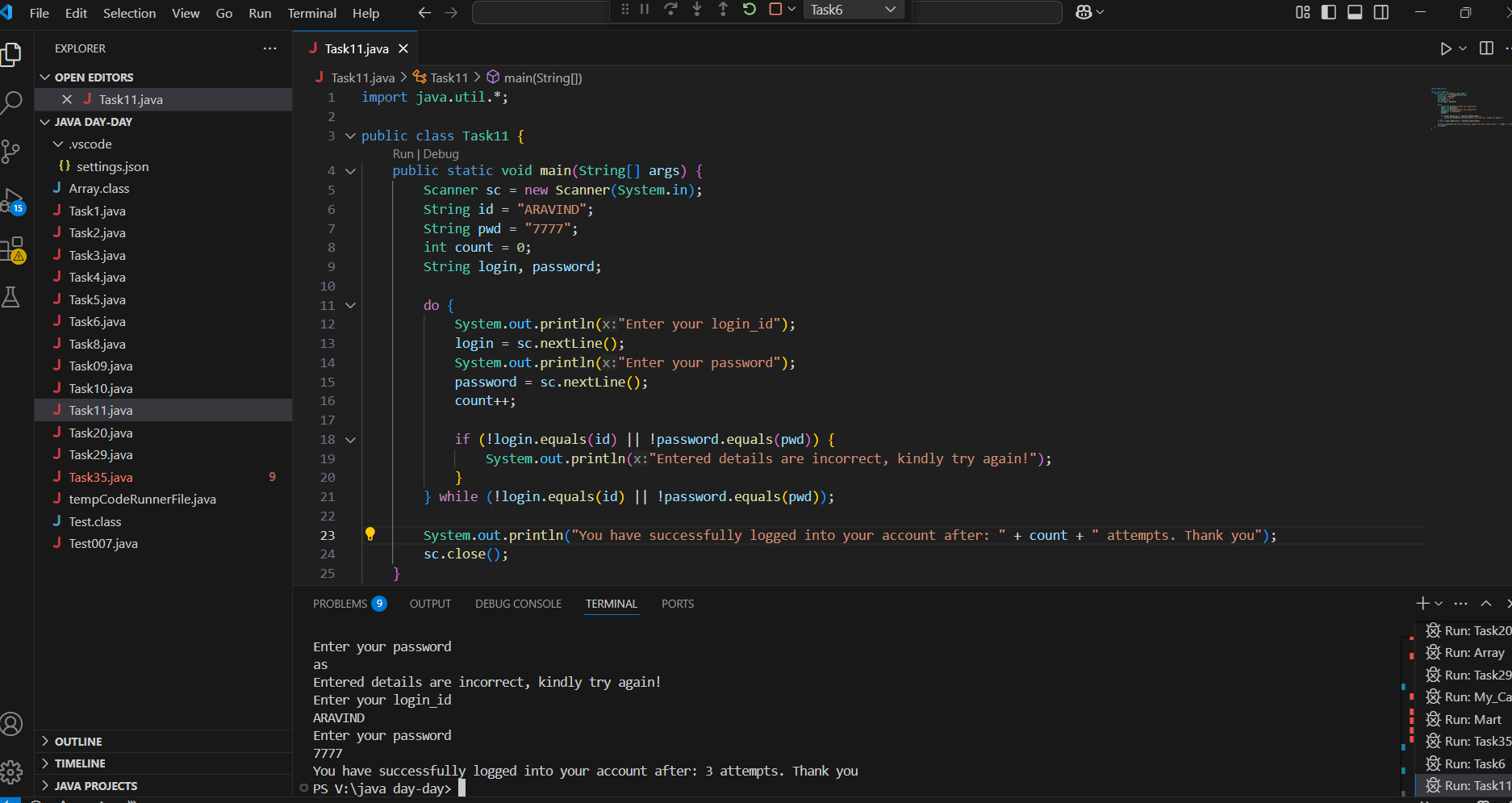
sout(“ you have logged in for  ”+ count++ +” times”);

sout(“enter ur login id and password”);

loginid = sc.NextLine();

pwd = sc.NextLine();

}While (loginid == “Prasunamba” && pwd == “12345867”);



sc.close();

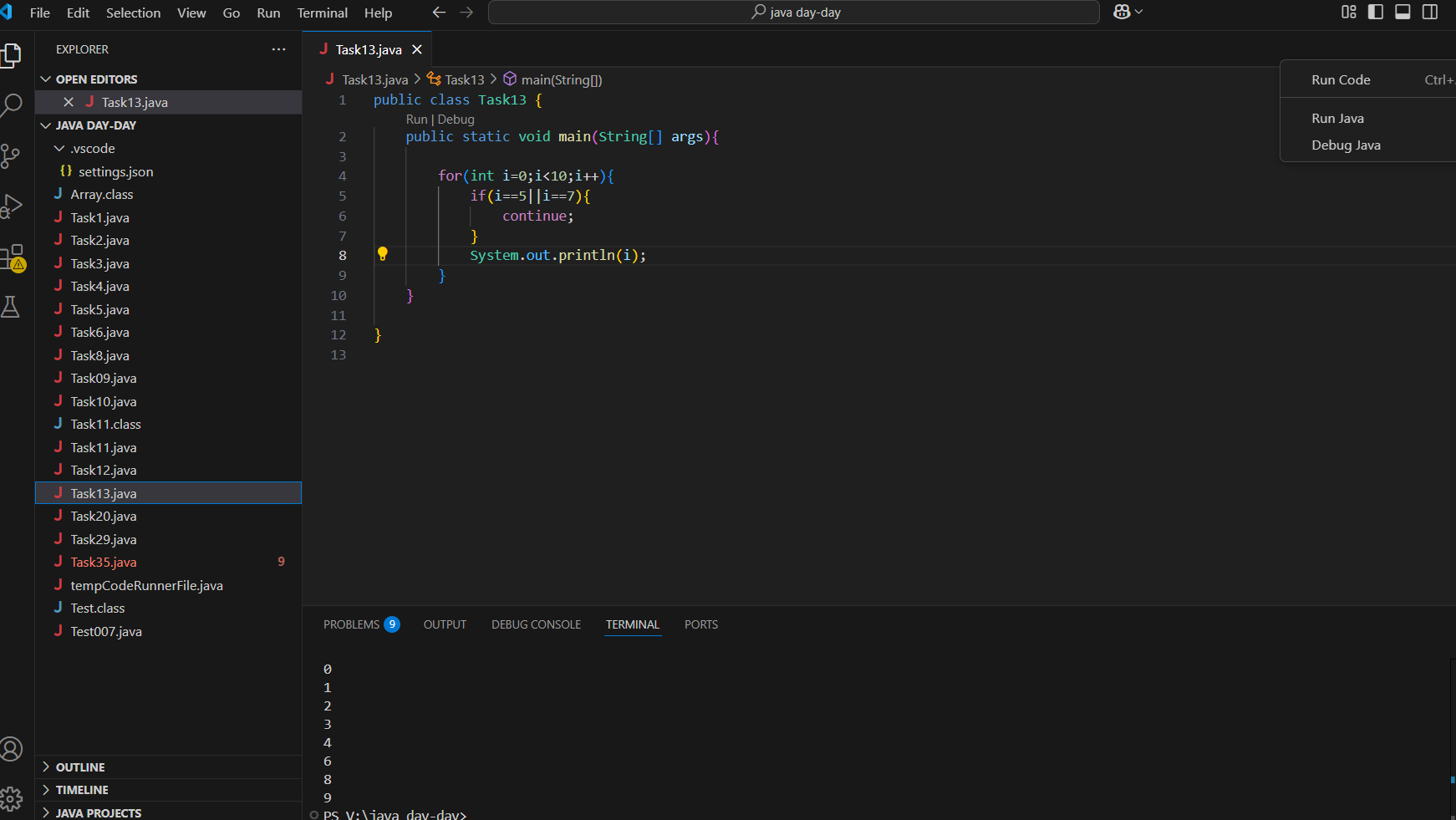
While and do while loops - indefinite loops

For loop is definite…

For (initialization exp; condition exp; incre or decre exp)

Task 013:

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



Task 014:

Arrays:

Try the below code and display the output…

Now play with it try to access arr of 5th index and see the output…and try to access arr of -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]);

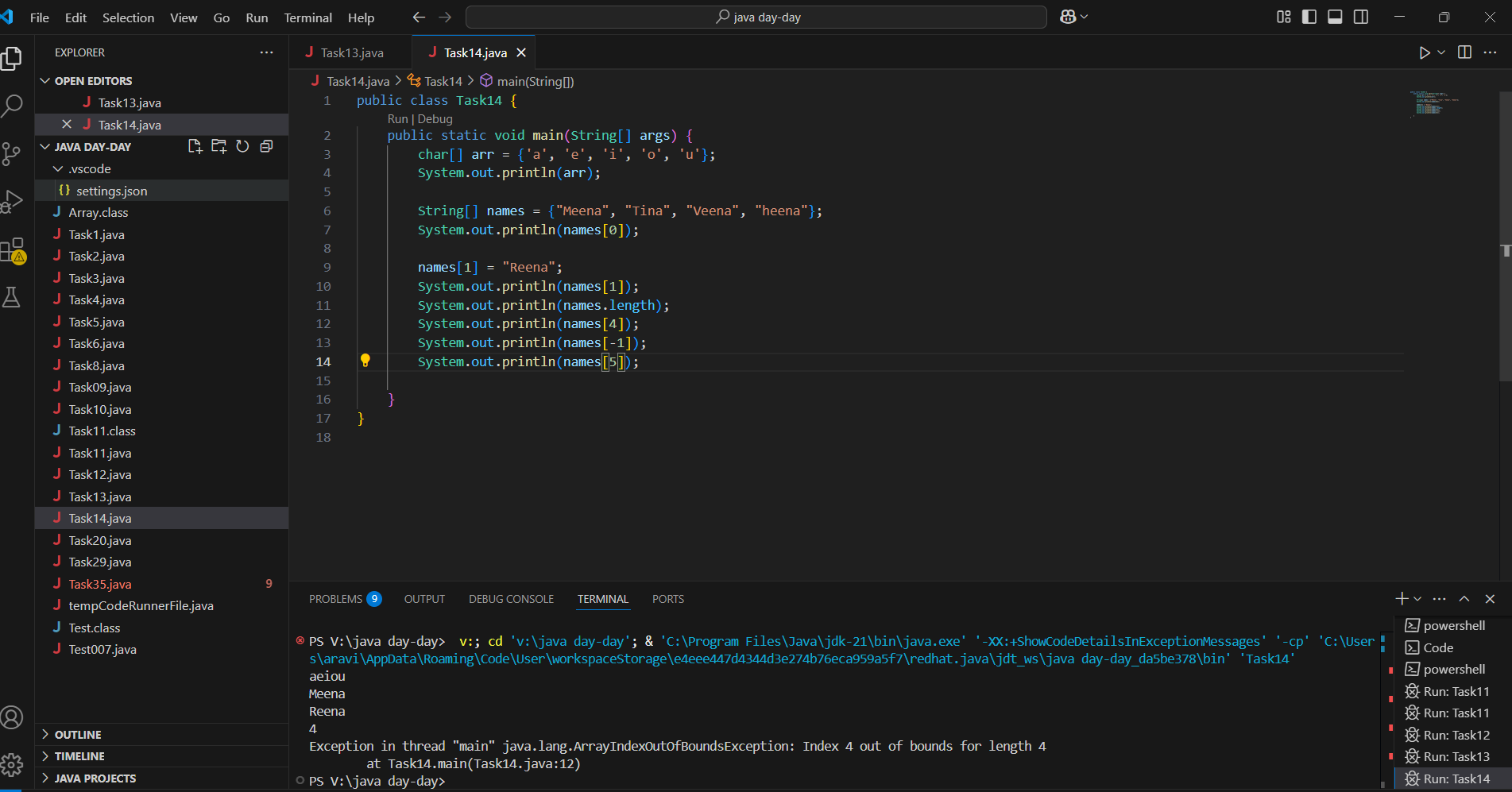
System.out.println(names.length);

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

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

}

}



Strings:

Task 015:

String – non primitive data gtype —> collection of characters or any value within “ ”

– immutable ⇒ cannot be changed

String Name = “Prasunamba is a trainer”;

Name = “Hello”;

Variables are mutable ⇒ which can be chaged

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 ");

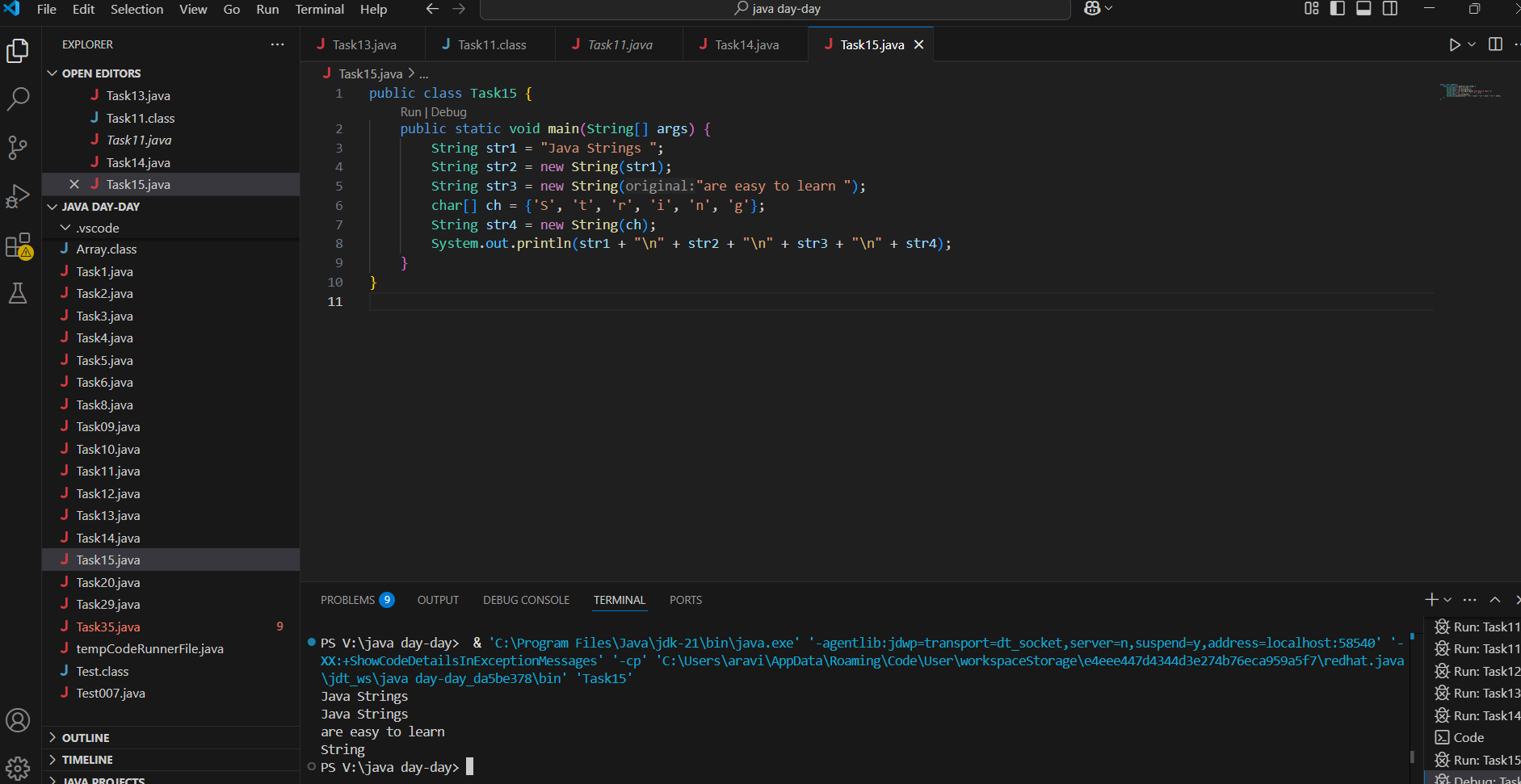
char ch[] = {'S', 't', 'r' ,'i', 'n', 'g'};

String str4 = new String(ch);

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

}

}



package Enumerations;

enum color{

red, blue, green, yellow

}

public class Demo01 {

public static void main(String[] args) {

color c1 = color.yellow;

System.out.println(c1);

}

}

package Enumerations;

enum Weekdays{

Sunday , Monday , Tuesday

}

public class Demo01 {

public static void main(String[] args) {

Weekdays c1 = Weekdays.Tuesday;

System.out.println(c1);

}

}

class Customer01{

    void accept(){

        System.out.println("Accept method");

    }

    void display(){

        System.out.println("display method");

    }

}

public class Task111{

    void method1(){

         System.out.println("method1 called");

    }

    static void static\_method1(){

        // method1(); ==> cannot access as it is a non static member

         System.out.println(" static\_method1 called");

    }

    public static void main(String[] args){

        Customer01 cobj = new Customer01();

        cobj.accept();

        cobj.display();

        Task111 tobj = new Task111();

        tobj.method1();

        // method1();

    }

     static\_method1();

}