Day 7, Emp\_ID : 112916146

Task1 : Create a code to display

“Hello guys!!!! “

“We are learning Java”

Using a single output statement…

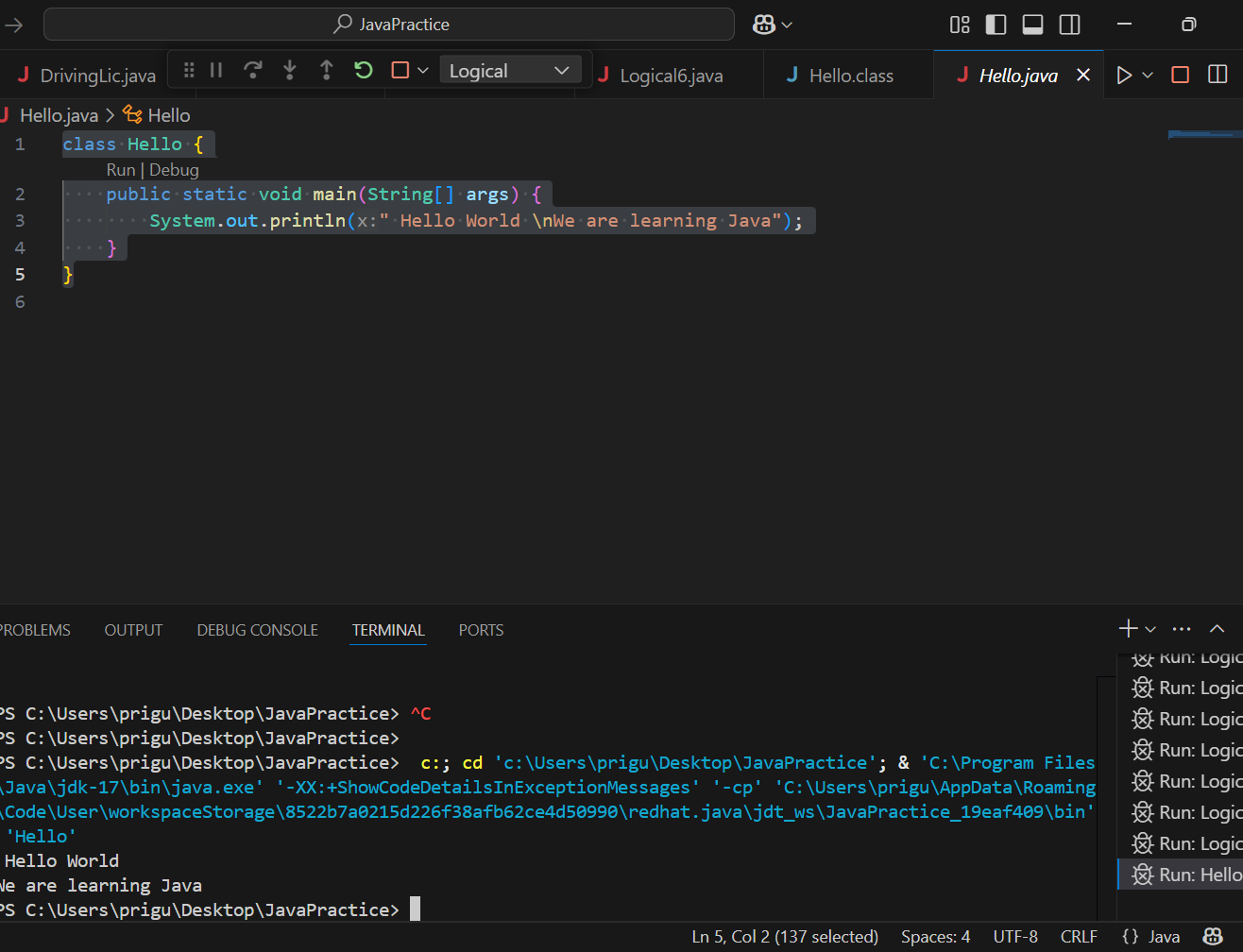
class Hello {

public static void main(String[] args) {

System.out.println(" Hello World \nWe are learning Java");

}

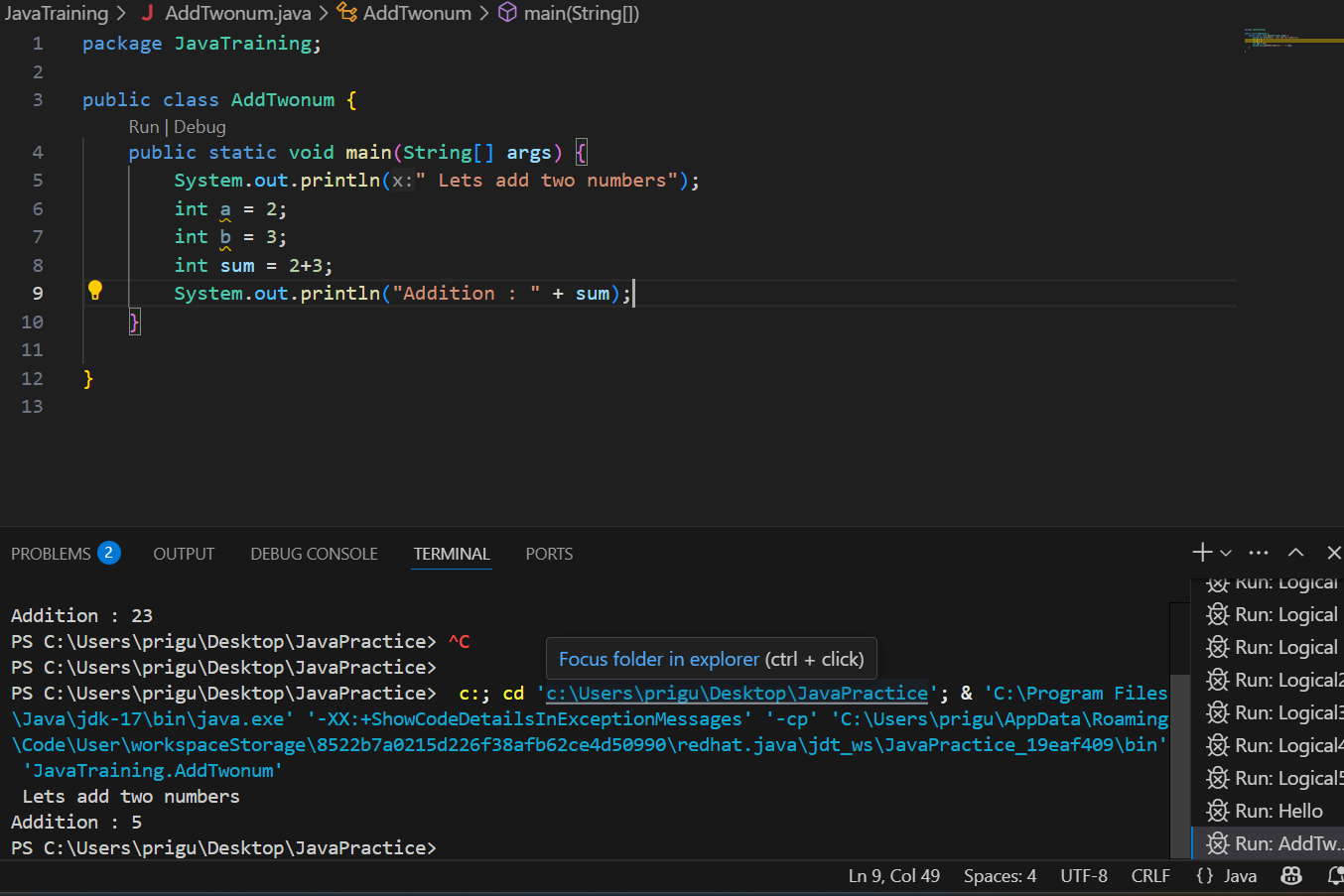
}



Task2 : Write a Program in Java to Add two Numbers.

Input: 2 3

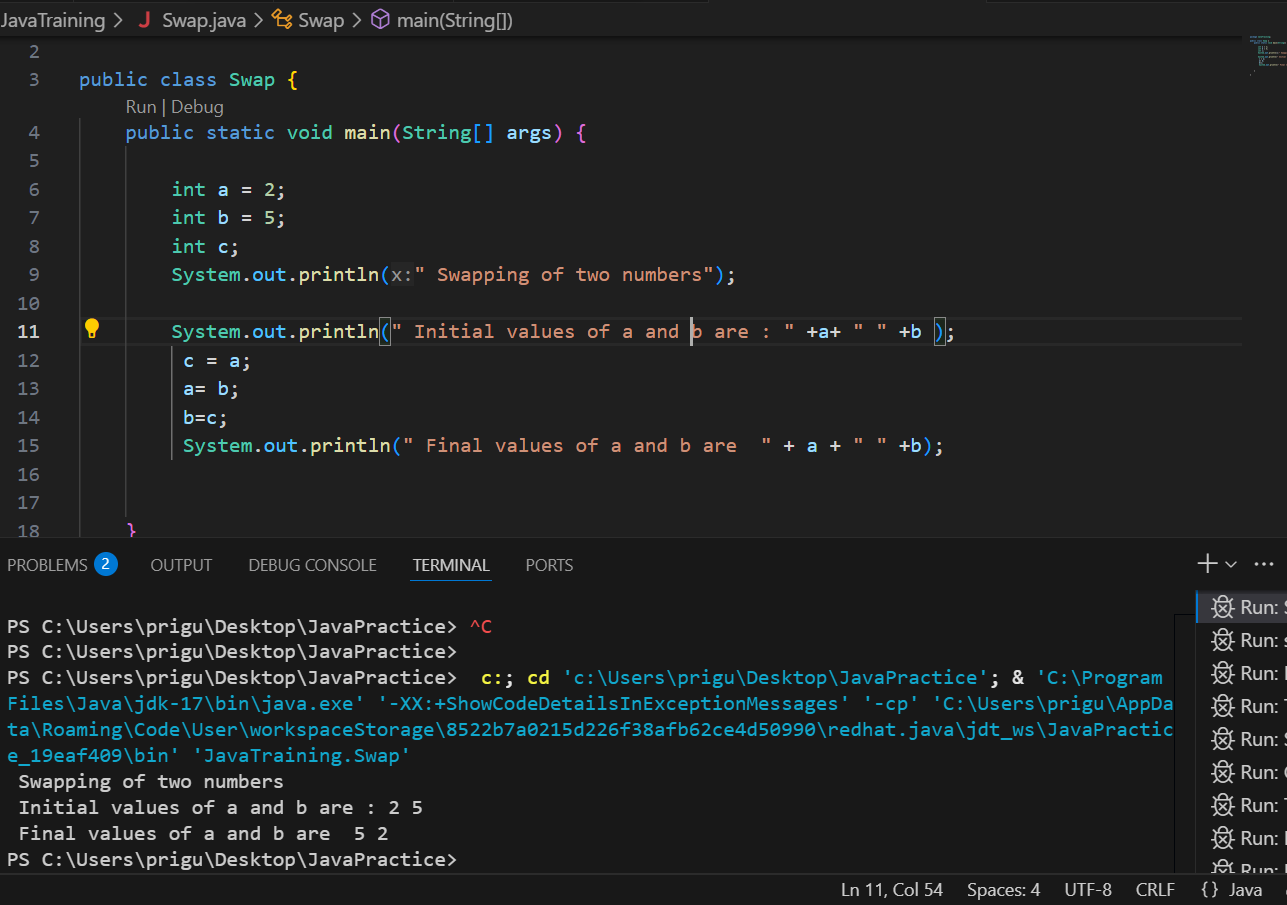
Output: 5



Task 3 : 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) all all the other methods

Out put:

Main started

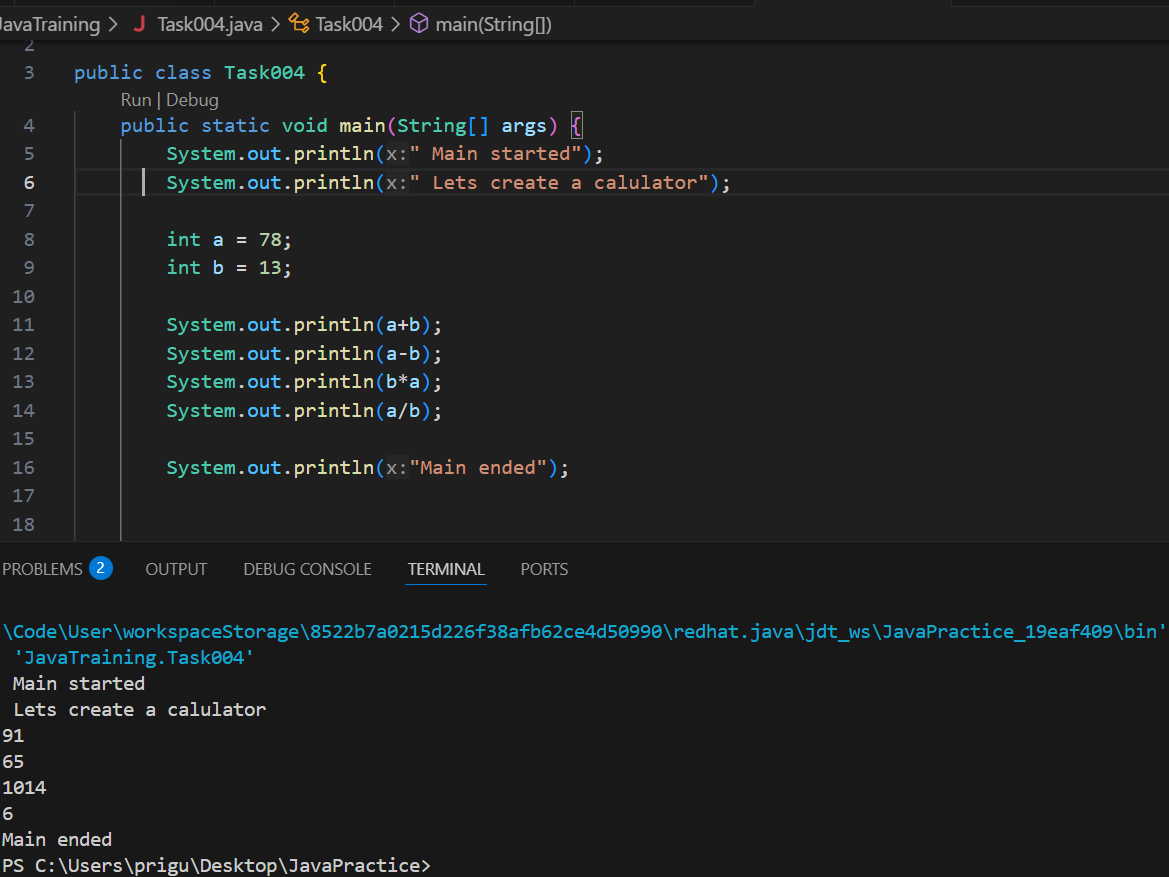
Sum of 2 numbers is …..

Diff of 2 numbers is —-

Product of 2 numbers ….

Division of 2 numbers is ….

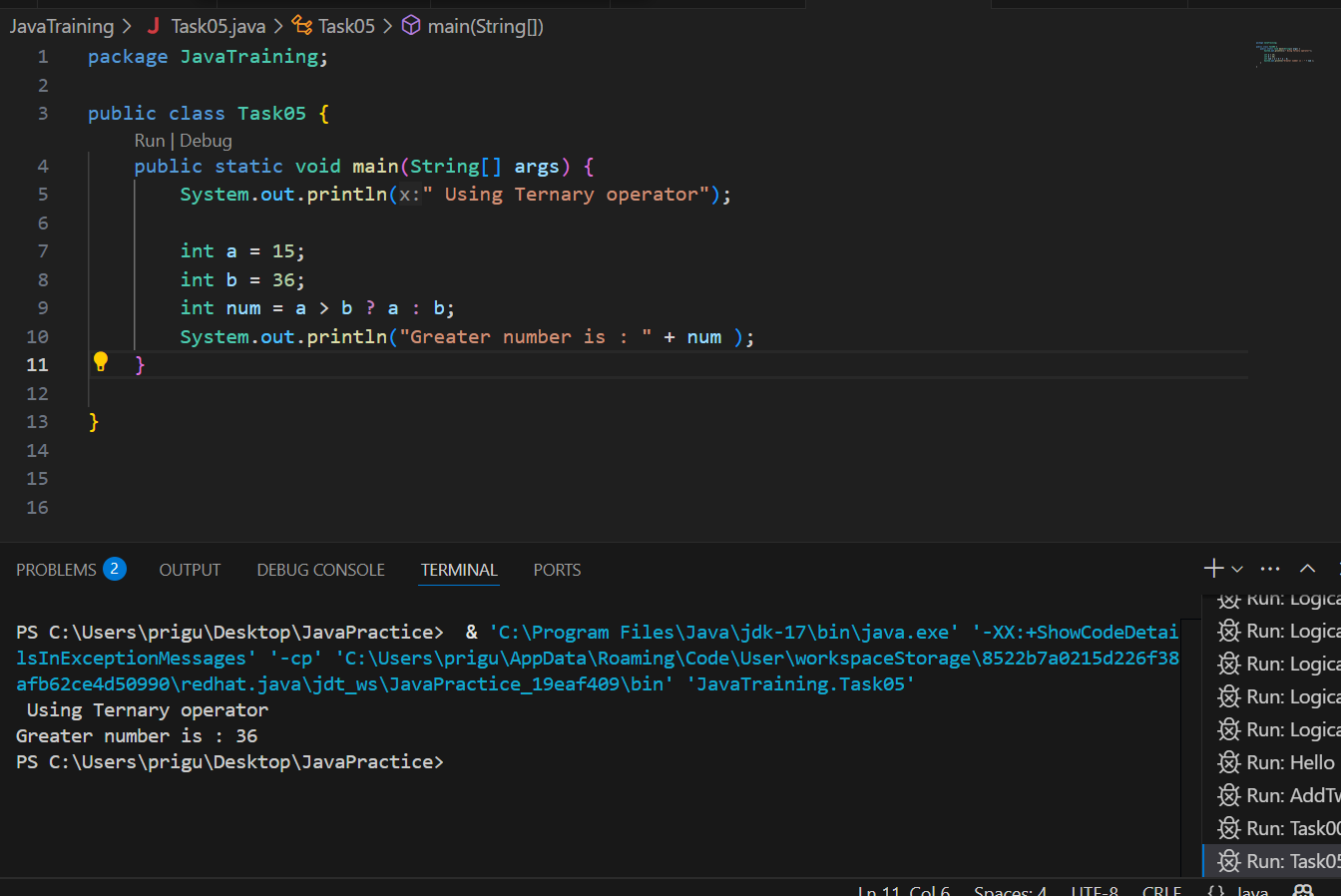
Main ended



Task 005:

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

12.14 to 12.18

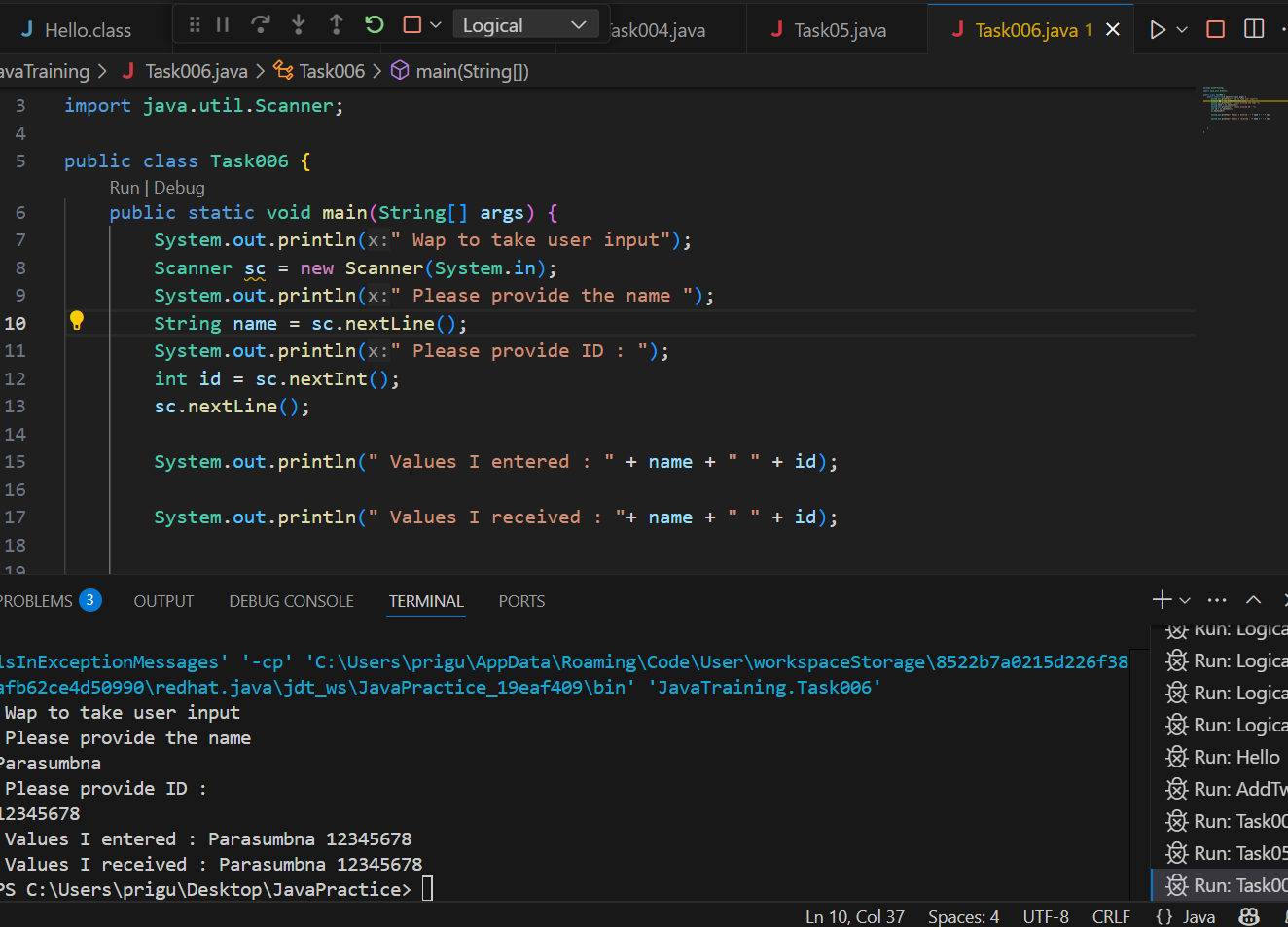


Write a program to take input from the user and display it to the user

Input:

Name : Prasunamba

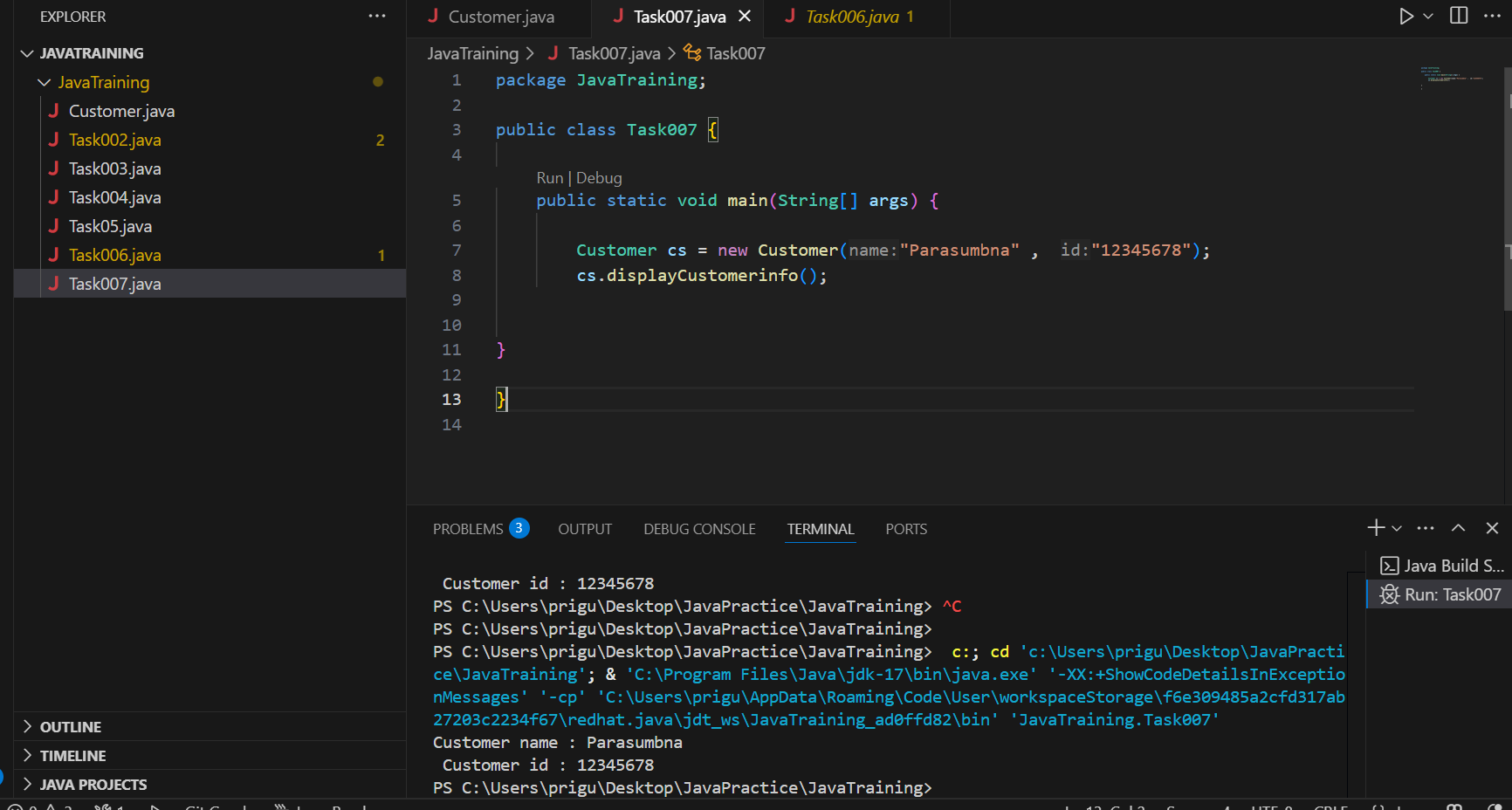
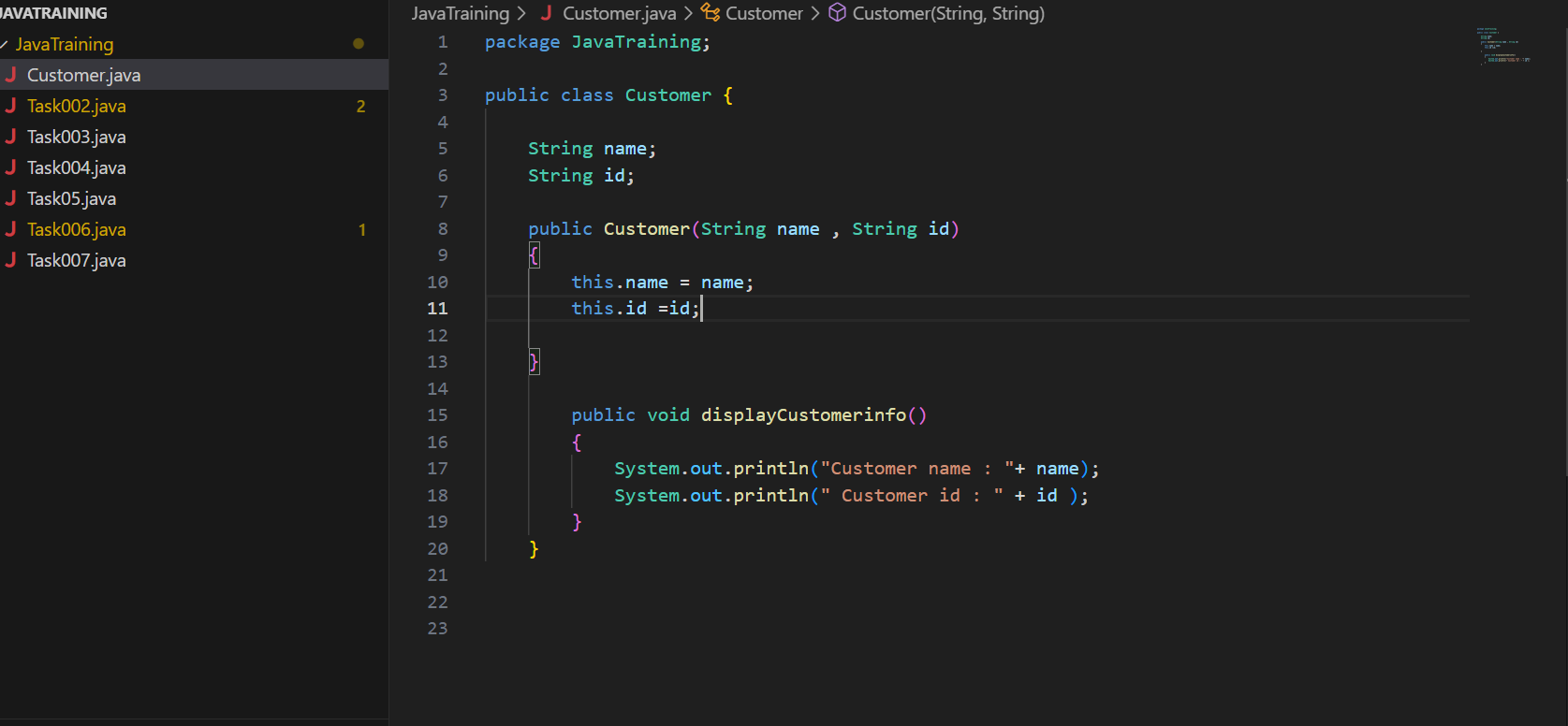
Id : 123456789



Task 007:

Write a program to create a class named Customer

Call the customer class in Task007 class using an object



Task 008

Wap to check the greater of 2 numbers

Hint:

Use if else

If ( num1 > num2){

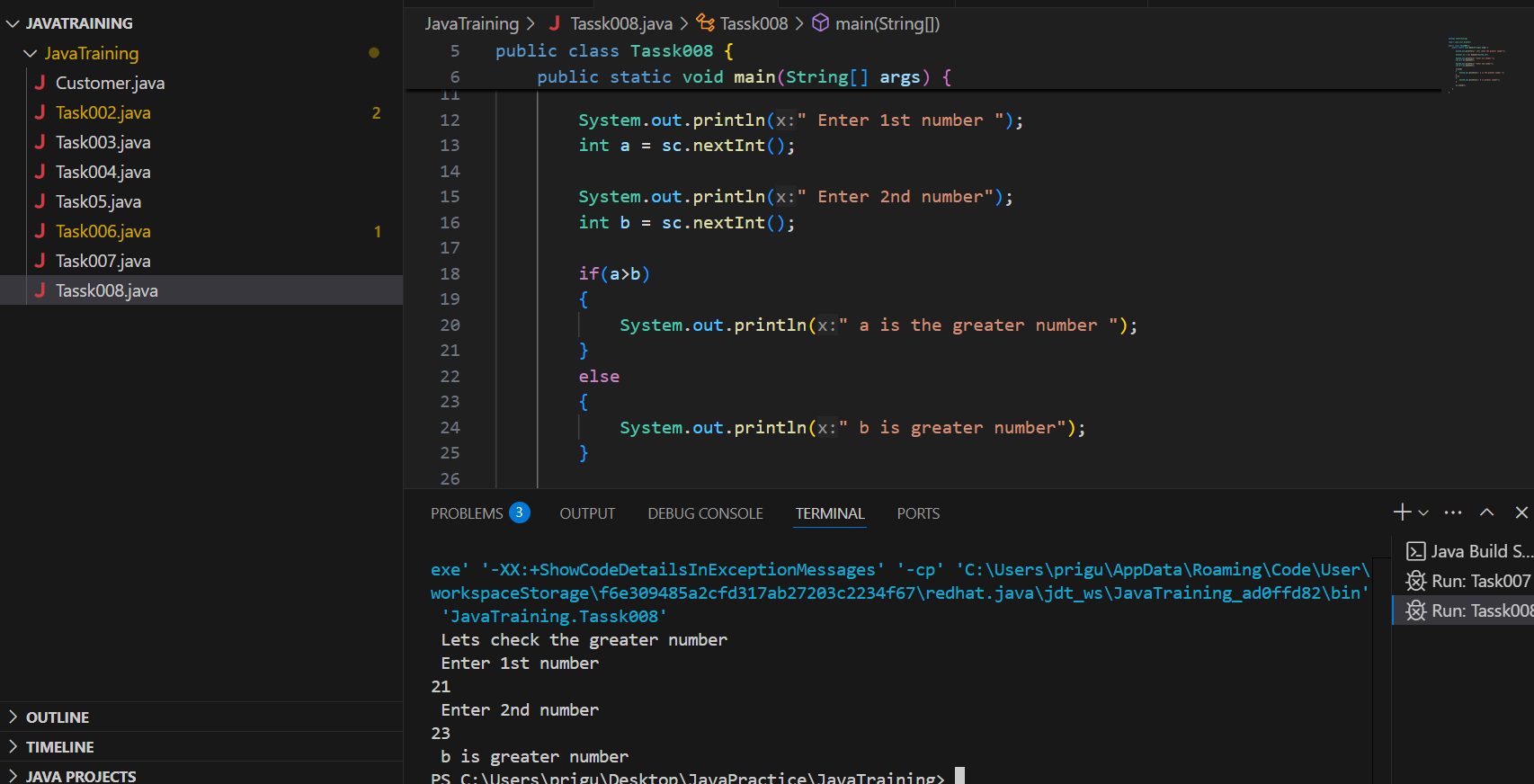
sout(“num1 is greater”);

}

Else {

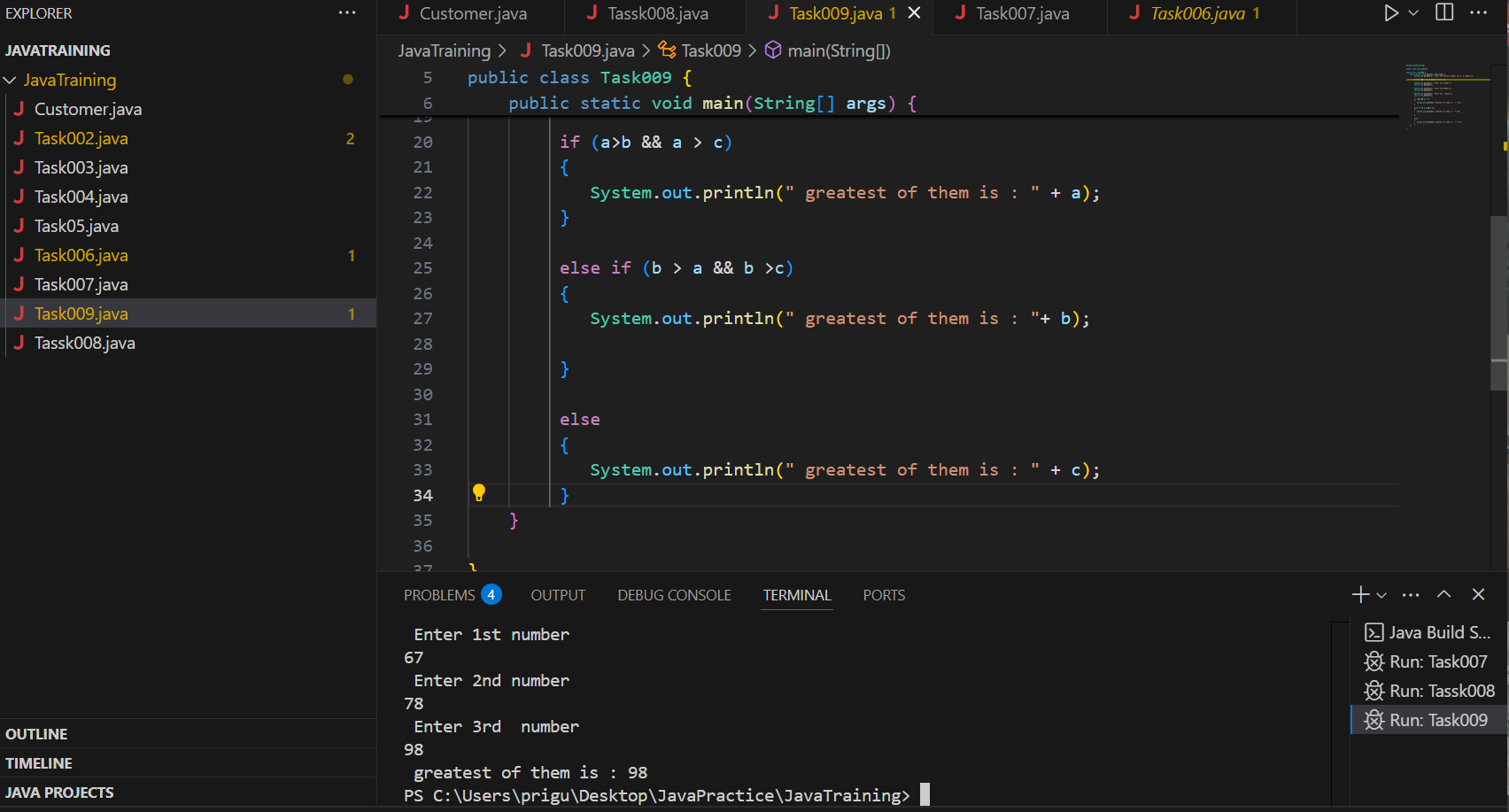
sout(“num2 is greater”);

}



Task 009

Wap to check greater of 3 numbers



Task 010:

Wap to check if check week days

package JavaTraining;

import java.util.Scanner;

public class Task010 {

public static void main(String[] args) {

System.out.println(" Lets check which day comes when");

Scanner sc = new Scanner(System.in);

System.out.println(" Please enter any number");

int day = sc.nextInt();

switch(day) {

case 1 :

{

System.out.println(" The day is monday");

break;

}

case 2 :

{

System.out.println(" the day is tuesday");

break;

}

case 3 :

{

System.out.println(" the day is wednesday");

break;

}

case 4 :

{

System.out.println(" the day is thursday");

break;

}

case 5 :

{

System.out.println(" the day is friday ");

break;

}

case 6 :

{

System.out.println(" the day is saturday");

break;

}

case 7 :

{

System.out.println(" the day is sunday");

break;

}

default :

{

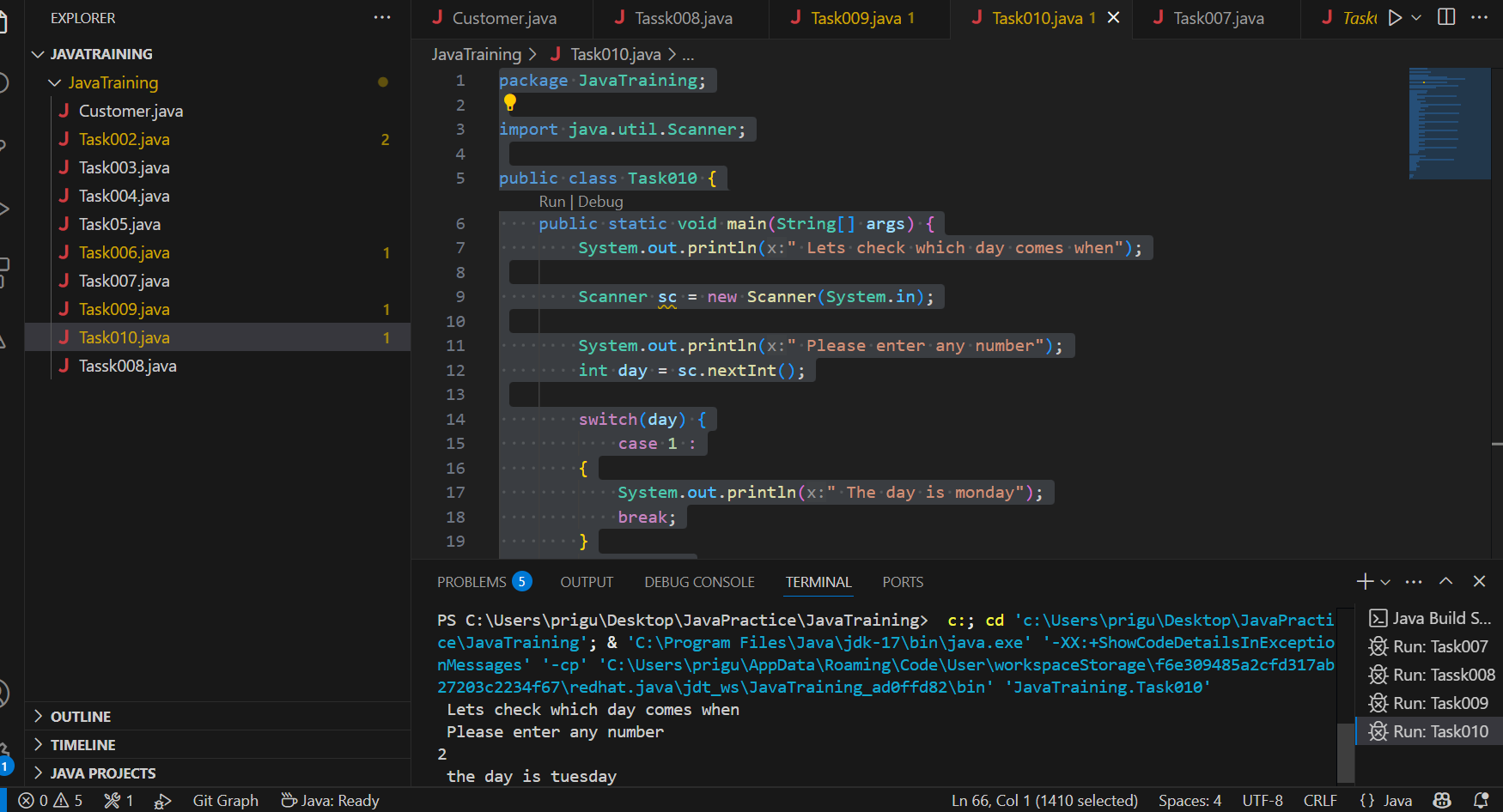
System.out.println(" invalid input");

}

}

}

}



Task 011:

Wap to check loginid and password validation

Hint use while loop

package JavaTraining;

import java.util.Scanner;

public class Task011 {

public static void main(String[] args) {

System.out.println(" check login creditionals are valid or not");

Scanner sc = new Scanner(System.in);

String username = "Prasumbna";

String id = "12345678";

int count =0;

while(true)

{

System.out.println(" Enter the loginname");

String loginname = sc.nextLine();

System.out.println("Enter the password");

String loginID = sc.nextLine();

if(loginname.equals(username)&&(id.equals(loginID)))

{

count++;

System.out.println(" You have looged in correctly");

}

else

{

System.out.println(" Invalid loggin");

}

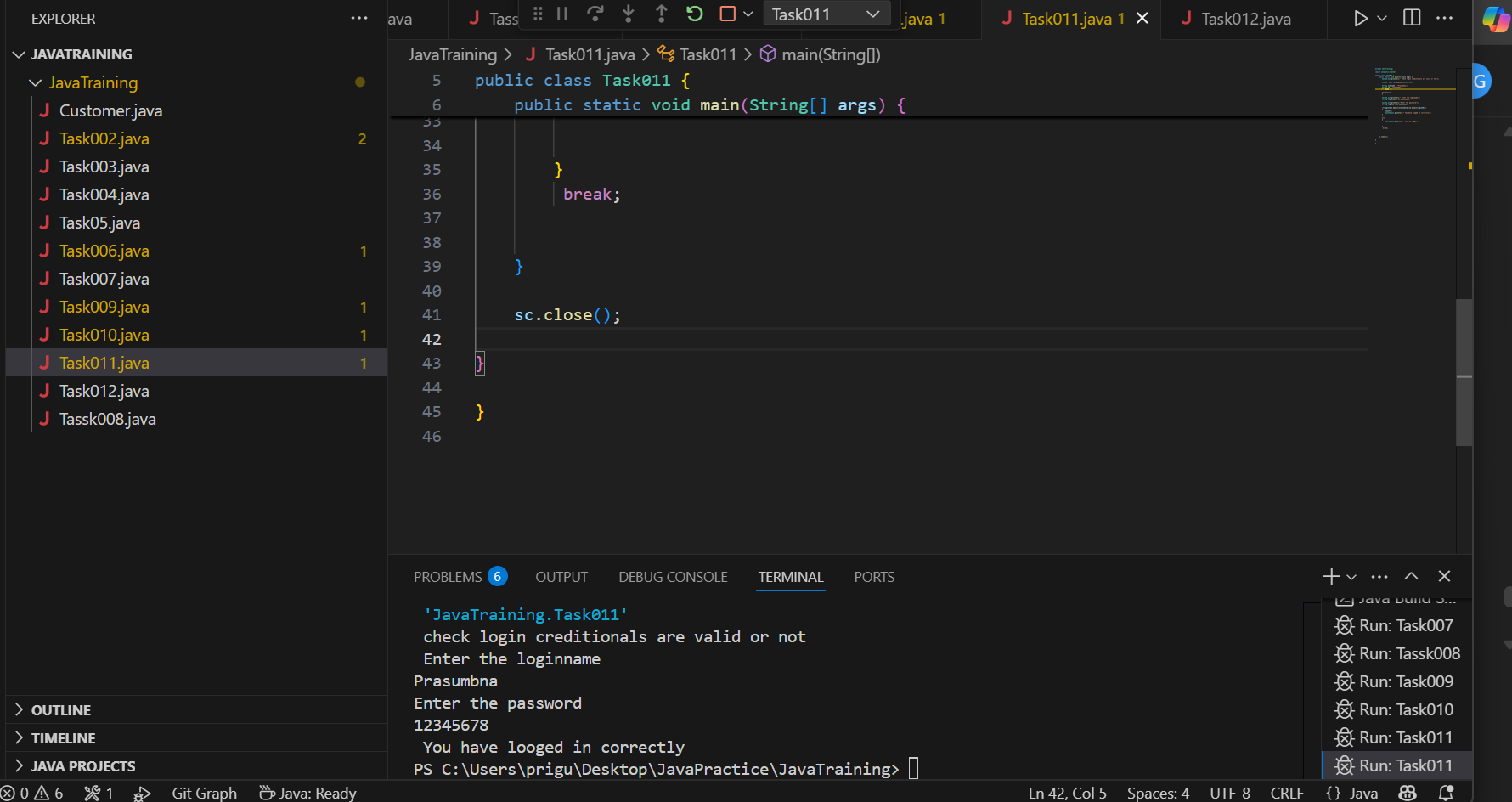
break;

}

sc.close();

}

}



Task 12 : Same as above qn but use do while loop

package JavaTraining;

import java.util.Scanner;

public class Task012 {

public static void main(String[] args) {

System.out.println("Use do-while to check credentials");

Scanner sc = new Scanner(System.in);

String username = "Prasumbna";

String password = "12345678";

int count = 0;

String loginname;

String loginID;

do {

System.out.println("Enter the login name:");

loginname = sc.nextLine();

System.out.println("Enter the password:");

loginID = sc.nextLine();

if (loginname.equals(username) && loginID.equals(password)) {

count++;

System.out.println("You have logged in correctly");

System.out.println("Login count: " + count);

} else {

System.out.println("Invalid login. Exiting...");

break; // stop the loop if credentials are invalid

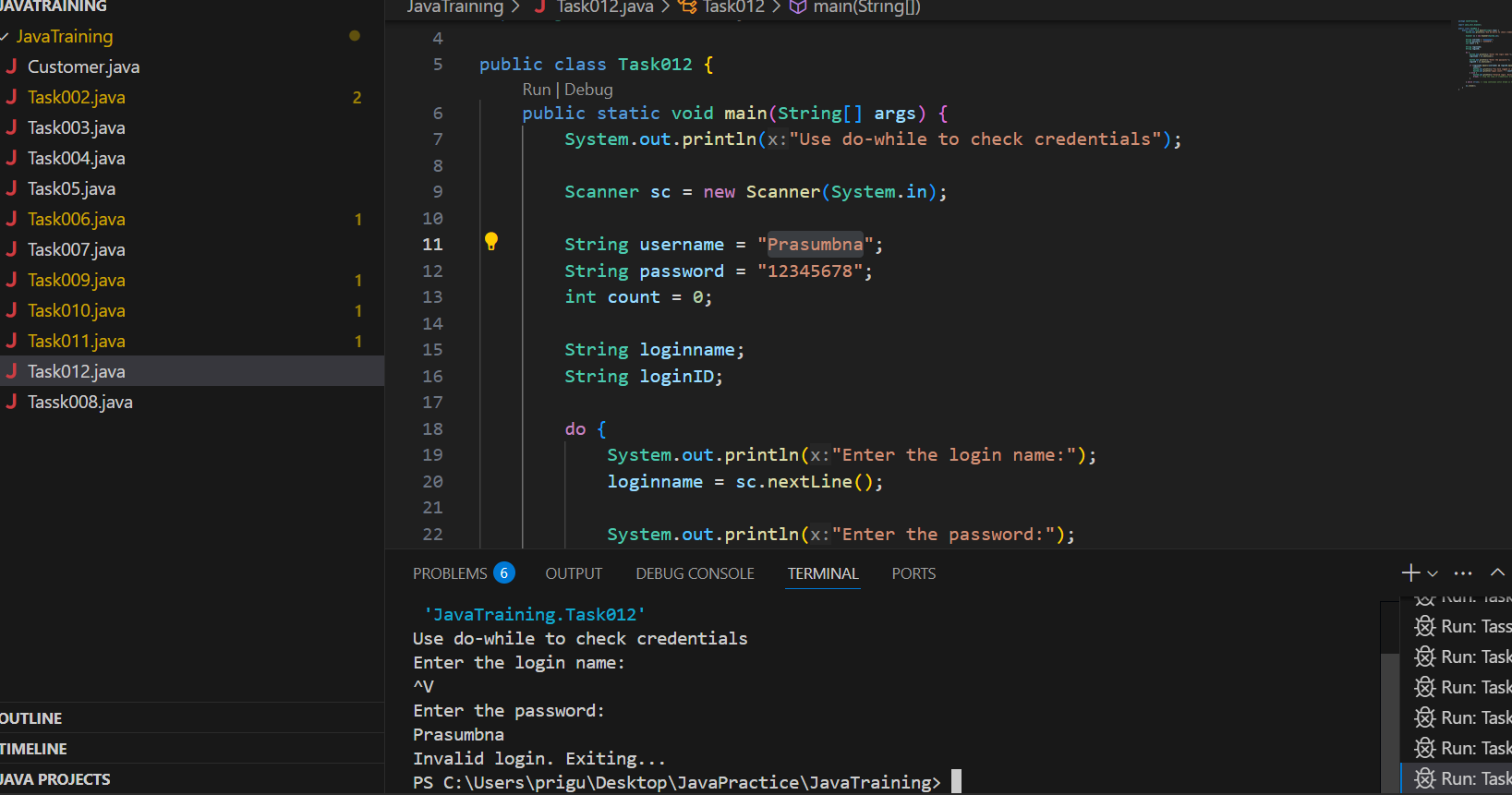
}

} while (true); // loop continues until break is triggered

sc.close();

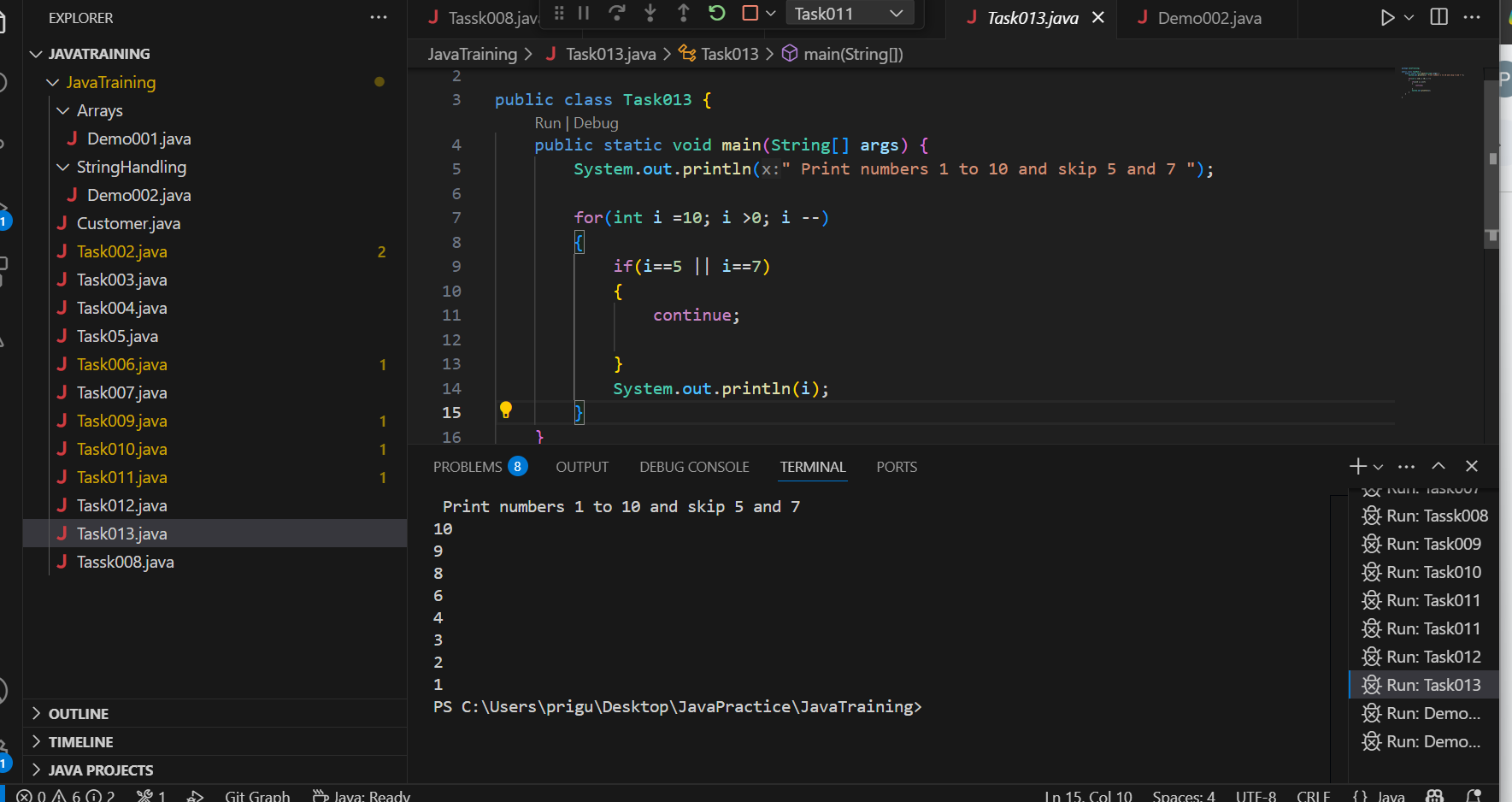
}

}



Task 013:

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



Task 14 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 JavaTraining.Arrays;

public class Demo001 {

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]);

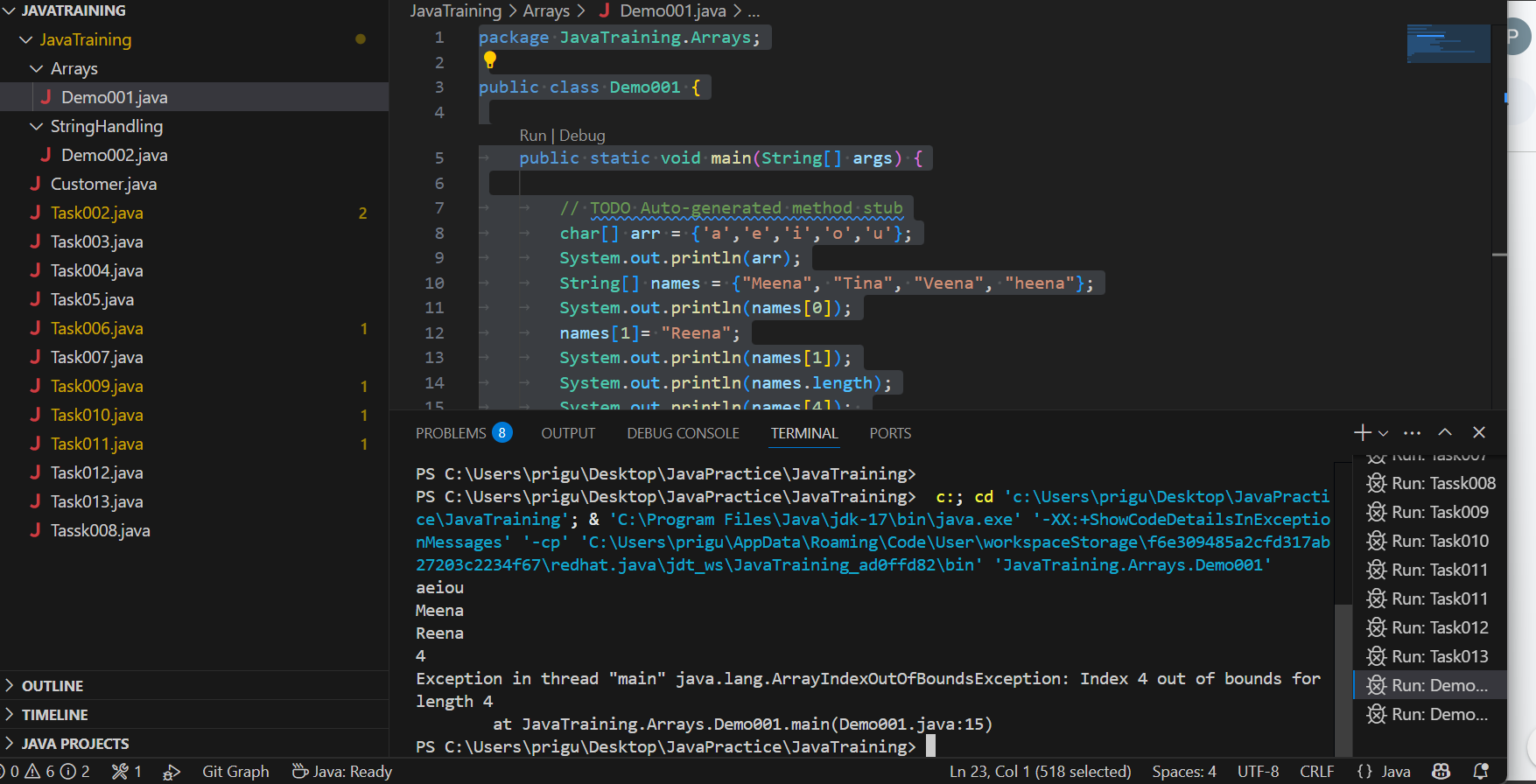
System.out.println(names.length);

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

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

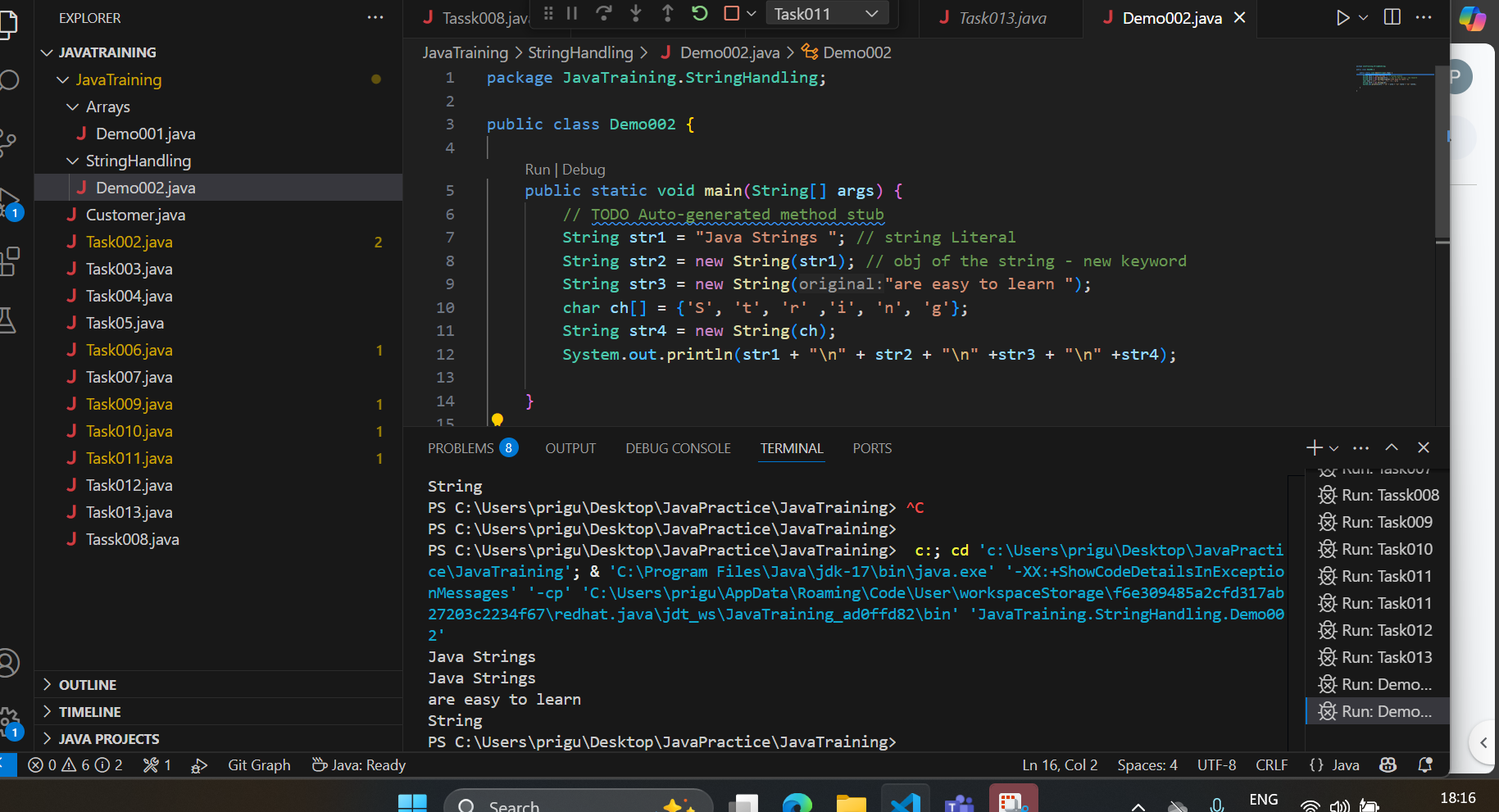
}

}



Task 015:

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



enum week{

sunday,

monday,

tuesday

}

class Main {

public static void main(String[] args) {

week wobj = week.monday;

System.out.println("Try programiz.pro "+ wobj);

}

}