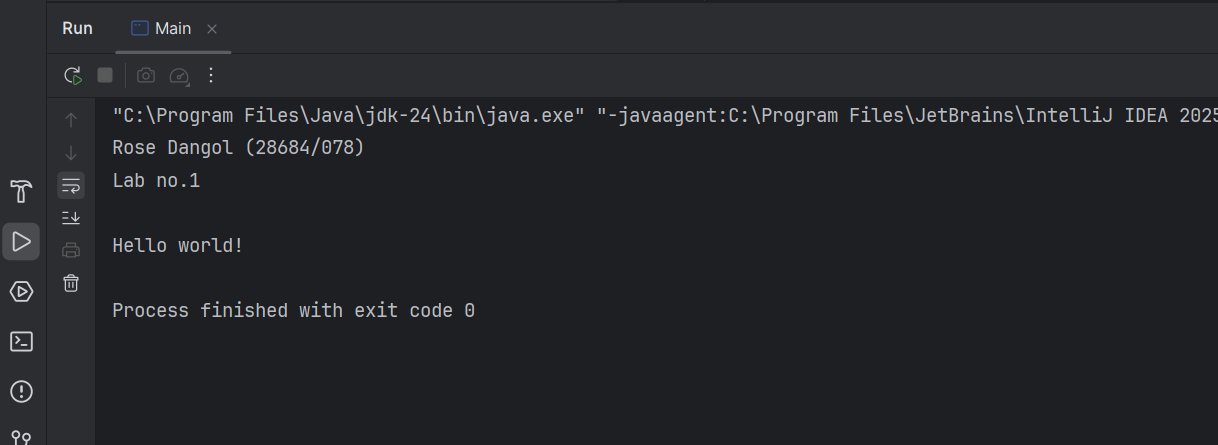
**Lab 1. Write Java program to print “Hello World”**

**Source Code:**

public class Main {  
 public static void main(String[] args) {  
 System.*out*.print("Rose Dangol (28684/078) \n");  
 System.*out*.print("Lab no.1 \n\n");  
 System.*out*.print("Hello world!\n");  
 }  
}

**Output:**

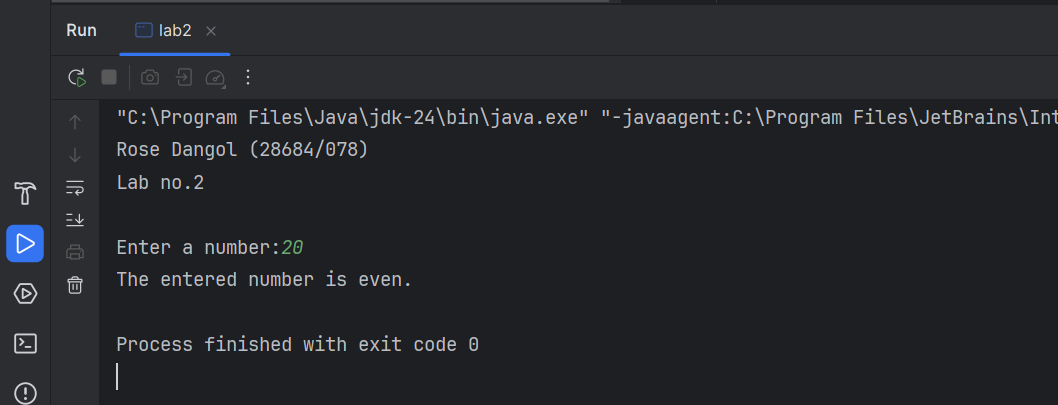


**Lab 2. Write a program in Java to read a number and tests if it is even or odd**

**Source Code:**

import java.util.Scanner;  
public class lab2 {  
 public static void main(String[] args) {  
 System.*out*.print("Rose Dangol (28684/078) \n");  
 System.*out*.print("Lab no.2 \n\n");  
 Scanner input = new Scanner(System.*in*);  
 System.*out*.print("Enter a number:");  
 int num=input.nextInt();  
 if(num%2==0)  
 System.*out*.println("The entered number is even.");  
 else  
 System.*out*.println("The entered number is odd.");   
 }  
}

**Output:**

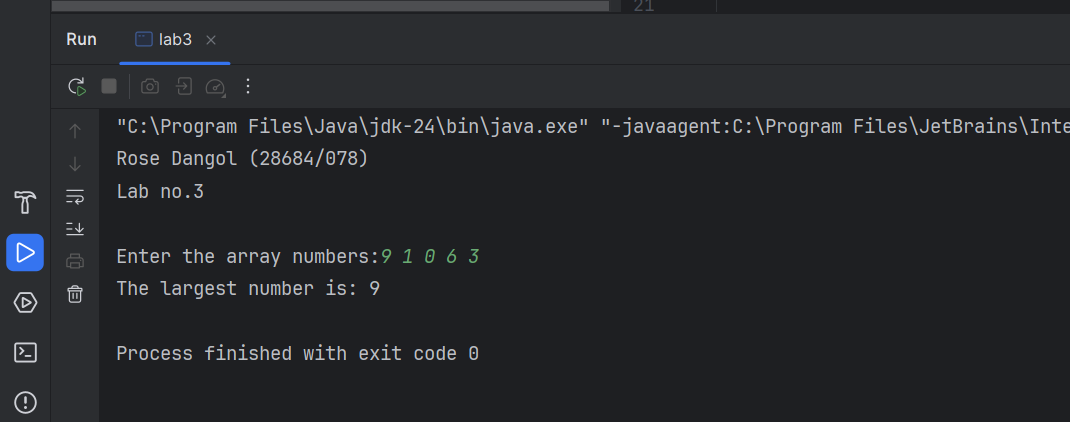


**Lab 3. Write a program that finds the largest element in an array.**

**Source Code:**

import java.util.Scanner;  
public class lab3 {  
 public static void main(String[] args) {  
 int[] numbers = new int[5];  
 System.*out*.print("Rose Dangol (28684/078) \n");  
 System.*out*.print("Lab no.3 \n\n");  
 Scanner input = new Scanner(System.*in*);  
 System.*out*.print("Enter the array numbers:");  
 for(int i=0;i<numbers.length;i++){  
 numbers[i] = input.nextInt();  
 }  
 int largest= numbers[0];  
 for(int i=1;i<5;i++){  
 if(numbers[i]>largest)  
 largest=numbers[i];   
 }  
 System.*out*.println("The largest number is: "+largest);  
 }  
}

**Output:**

****

**Lab 4. Write a program in java that finds second largest element in an array**

**Source Code:**

import java.util.Scanner;  
public class lab4 {  
 public static void main(String[] args) {  
 int[] num;  
 int Size;  
 System.*out*.print("Rose Dangol (28684/078) \n");  
 System.*out*.print("Lab no.4 \n\n");  
 Scanner arraySize = new Scanner(System.*in*);  
 System.*out*.print("Enter the array size:");  
 Size= arraySize.nextInt();  
 num = new int[Size];  
 Scanner array = new Scanner(System.*in*);  
 System.*out*.print("Enter the array elements:");  
 for(int i=0;i<Size;i++){  
 num[i] = array.nextInt();  
 }  
 int largest= num[0];  
 int secondLargest=num[0];  
 for(int i=0;i<5;i++){  
 if(num[i]>largest) {  
 secondLargest = largest;  
 largest = num[i];  
 }  
 else if(num[i]>secondLargest && num[i]!=largest){  
 largest=secondLargest;  
 }  
 }  
 System.*out*.println("The second largest number is: "+secondLargest);  
 }  
}

**Output:**

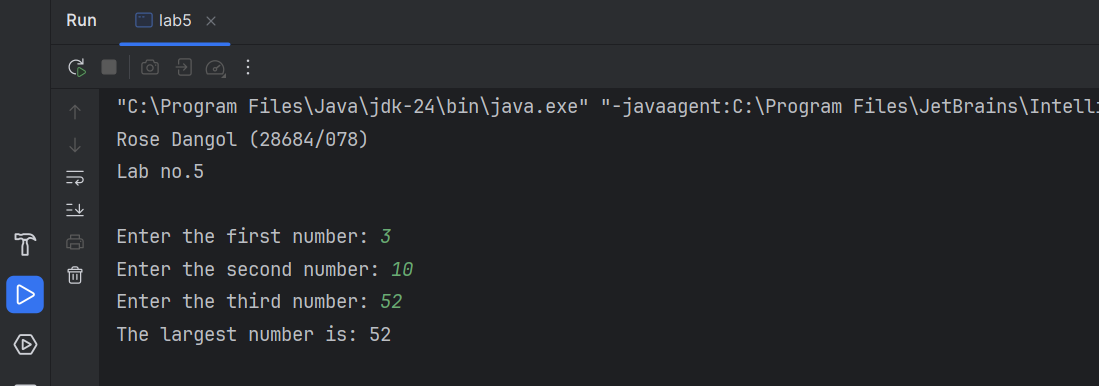
****

**Lab 5. Given three numbers, write a Java program to read three numbers from keyword and print out the largest of them.**

**Source Code:**

import java.util.Scanner;  
public class lab5 {  
 public static void main(String[] args) {  
 int num1,num2,num3;  
 System.*out*.print("Rose Dangol (28684/078) \n");  
 System.*out*.print("Lab no.5 \n\n");  
 Scanner input1 = new Scanner(System.*in*);  
 System.*out*.print("Enter the first number: ");  
 num1=input1.nextInt();  
 Scanner input2 = new Scanner(System.*in*);  
 System.*out*.print("Enter the second number: ");  
 num2=input2.nextInt();  
 Scanner input3 = new Scanner(System.*in*);  
 System.*out*.print("Enter the third number: ");  
 num3=input3.nextInt();  
 int result = (num1>num2&&num1>num3)?num1:(num2>num3?num2:num3);  
 System.*out*.println("The largest number is: "+result);  
 }  
}

**Output:**

****

**Lab 6. Write a Java program reads a character and check if it is alphabet or not.**

**Source Code:**

**Output:**