***Group Q***

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\*/

package decisionmakingstatements;

import java.util.Scanner;

/\*\*

\*

\* @author 20S01ABED072

\*/

public class Decisionmakingstatements {

/\*\*

\* @param args the command line arguments

\*/

public static void main(String[] args) {

//Exercise I

int num1;

int num2;

Scanner input = new Scanner(System.in);

System.out.println("Input the first number which is between 0 and 50");

num1 = input.nextInt();

System.out.println("Input the second number which is between 0 and 50");

num2 = input.nextInt();

int sum;

sum = num1 + num2;

if(sum>20)

{

System.out.println("The sum is greater than twenty");

}

//Exercise II

if(sum>50&sum<100)

{

System.out.println("The sum is greater than 50 and less than 100");

}

else

{

System.out.println("The sum is not a value between 50 and 100");

}

//Exercise3

//use of nested if else statement

if(sum>=80&sum<=100)

{

System.out.println("A");

}

else if(sum>=60&sum<=79){

System.out.println("B");

}

else if(sum>=40&sum<=59){

System.out.println("C");

}

else{

System.out.println("F");

}

//Exercise IV

//Ternary operator

int max;

//The largest among num1 and num2

max = (num1>num2) ? num1:num2;

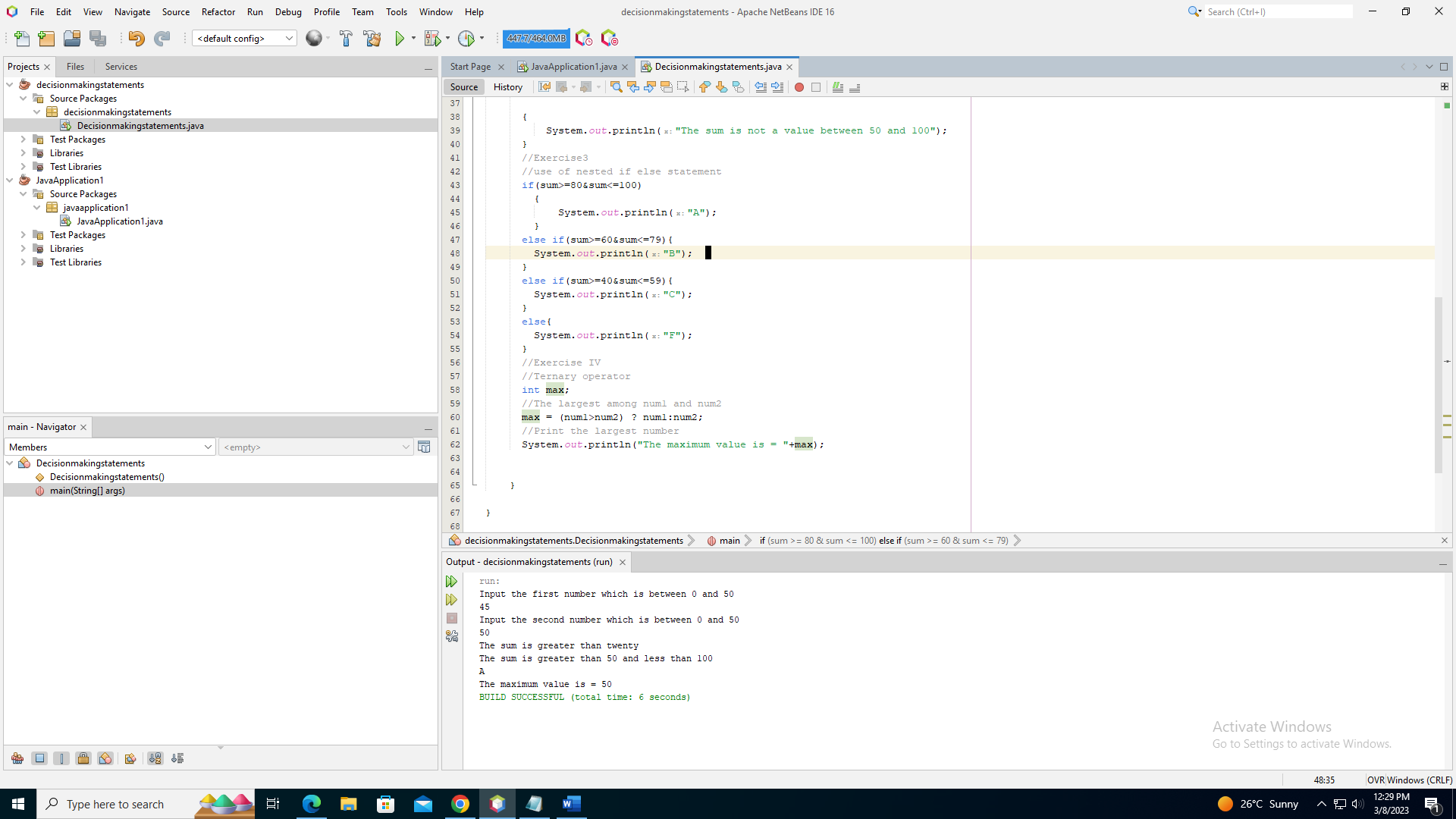
//Print the largest number

System.out.println("The maximum value is = "+max);

}

}

**The Screenshot of the output**

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