Write a Java program that provide the user with 3 choices of arithmetic process such as Addition, Multiplication, and Subtraction. Then ask the user to choose one arithmetic process and implement the arithmetic process using Switch structure.

The output:

1. Add

2. Multiply

3. Subtract

Enter tow integer:

5 2

Enter your choice

2

you choose to multiply the numbers and the times is: 10

Answer

import java.util.\*;

public class test {

public static void main(String[] args) {

Scanner console = new Scanner(System.in);

int x,y,z,s;

System.out.println("1. Add");

System.out.println("2. Multiply");

System.out.println("3. Subtract");

System.out.println("Enter tow integer: ");

y = console.nextInt();

z = console.nextInt();

System.out.println("Enter your choice");

x = console.nextInt();

switch (x){

case 1:{

s = y+z;

System.out.println("you choose to add the numbers and the sum is: "+s);

break; }

case 2:{

s = y\*z;

System.out.println("you choose to multiply the numbers and the times is: "+s);

break;}

case 3:{

s = y-z;

System.out.println("you choose to subtract the numbers and the difference is: "+s);

break;}

default:

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

}

// TODO: Add your code here

}

}

Answer Q2:

import java.util.\*;

public class test {

public static void main(String[] args) {

Scanner console = new Scanner(System.in);

int x,y,z;

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

x = console.nextInt();

if ((x>=1) && (x<=31)){

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

y = console.nextInt();

if ((y>=1) && (y<=12)){

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

z = console.nextInt();

System.out.println("the date is: " + x + "/" + y + "/" + z);

}else

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

}else

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

// TODO: Add your code here

}

}