**package** project;

**import** java.util.Scanner;

**public** **class** ArithemeticCalculatorpjt1 {

**public** **static** **void** main(String[] args) {

**double** n1,n2,res;

**int** option;

Scanner sc = **new** Scanner(System.***in***);

System.***out***.println("Enter the Number 1:");

n1 = sc.nextDouble(); //scan the double values from the user..

System.***out***.println("Enter the number 2:");

n2 = sc.nextDouble();

/\*System.out.println("enter the operator :");

op = sc.next().charAt(0); // scan the character values from the user\*/

System.***out***.print("\n1: Addition.\n2: Subtraction.");

System.***out***.print("\n3: Multiplication.\n4: Divide.");

System.***out***.print("\n5: Remainder.\n6: Exit.");

System.***out***.print("\nEnter your choice: ");

option=sc.nextInt();

**switch**(option)

{

**case** 1: res = n1+n2;

System.***out***.println("the result is: "+n1 +" +" + n2 +" = " +res );

**break**;

**case** 2: res = n1-n2;

System.***out***.println("the result is: "+n1 +" -" + n2 +" = " +res );

**break**;

**case** 3: res = n1\*n2;

System.***out***.println("the result is: "+n1 +" \*" + n2 +" = " +res );

**break**;

**case** 4: res = n1/n2;

System.***out***.println("the result is: "+n1 +" /" + n2 +" = " +res );

**break**;

**case** 5: res = n1%n2;

System.***out***.println("the result is: "+n1 +" %" + n2 +" = " +res );

**break**;

**default** : System.***out***.println("invalid data");

}

}

}