**package** com.simplilearn.typecastin;

**import** java.util.Scanner;

**public** **class** ArithmeticCalculator {

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

**int** num1 ;

**int** num2;

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

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

num1=sc.nextInt();

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

num2=sc.nextInt();

System.***out***.println("Enter your choice"

+" 1.Addition "+" 2.Subtraction "+" 3.Multiplication "+" 4.Division ");

**int** op=sc.nextInt();

**int** result = 0;

**if** (op<=4) {

**switch**(op){

**case** 1: result=num1+num2;

**break**;

**case** 2: result=num1-num2;

**break**;

**case** 3: result=num1-num2;

**break**;

**case** 4: result=num1/num2;

**break**;

}

System.***out***.println(result);

}

**else** {

System.***err***.println("Enter the correct choice");

}

}

}