**package** com;

**import** java.util.\*;

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

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

**int** a,b,choice;

**int** result=0;

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

System.***out***.print("Enter first number: ");

a=buf.nextInt();

System.***out***.print("Enter second number: ");

b=buf.nextInt();

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

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

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

choice=buf.nextInt();

**switch**(choice)

{

**case** 1:

result=(a+b);

**break**;

**case** 2:

result=(a-b);

**break**;

**case** 3:

result=(a\*b);

**break**;

**case** 4:

result=(a/b);

**break**;

**default**:

System.***out***.println("An Invalid Choice!!!\n");

}

System.***out***.println("Result is: " + result);

}

}