import java.io.\*;

import java.util.\*;

class B1{

static {

System.loadLibrary("B1");

}

private native int addi(int a, int b);

private native int sub(int a, int b);

private native int mult(int a, int b);

private native int div(int a, int b);

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int a, b, ch;

System.out.println("\n Enter the value of A");

a= sc.nextInt();

System.out.println("\n Enter the value of B");

b= sc.nextInt();

do{

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

ch = sc.nextInt();

switch(ch) {

case 1: new B1().addi(a,b);

break;

case 2: new B1().sub(a,b);

break;

case 3: new B1().mult(a,b);

break;

case 4: new B1().div(a,b);

break;

default : System.out.println("Your choice is wrong.");

}

} while (ch < 5);

}

}

#include<jni.h>

#include<stdio.h>

#include "B1.h"

JNIEXPORT int JNICALL JAVA\_B1\_add(JNIEnv \*env, jobject obj, jint a, jint b){

printf("\n%d + %d = %d\n", a, b, (a + b));

return;

}

JNIEXPORT int JNICALL Java\_B1\_sub(JNIEnv \*env, jobject obj, jint a, jint b) {

printf("\n%d - %d = %d\n",a ,b, (a - b));

return ;

}

JNIEXPORT int JNICALL Java\_B1\_mult(JNIEnv \*env, jobject obj, jint a, jint b) {

printf("\n%d \* %d = %d\n",a ,b, (a \* b));

return ;

}

JNIEXPORT int JNICALL Java\_B1\_div(JNIEnv \*env, jobject obj, jint a, jint b) {

printf("\n%d / %d = %d\n",a ,b, (a / b));

return ;

}

