```c
#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;
}


#ifndef _Included_B1
#define _Included_B1
#ifdef __cplusplus
extern "C" {
#endif
/*
 * Class:     B1
 * Method:    add
 * Signature: (II)I
 */
JNIEXPORT jint JNICALL Java_B1_add
  (JNIEnv *, jobject, jint, jint);

/*
 * Class:     B1
 * Method:    sub
 * Signature: (II)I
 */
JNIEXPORT jint JNICALL Java_B1_sub
  (JNIEnv *, jobject, jint, jint);

/*
 * Class:     B1
 * Method:    mult
 * Signature: (II)I
 */
JNIEXPORT jint JNICALL Java_B1_mult
  (JNIEnv *, jobject, jint, jint);

/*
 * Class:     B1
```

```
 * Method:    div
 * Signature: (II)I
 */
JNIEXPORT jint JNICALL Java_B1_div
  (JNIEnv *, jobject, jint, jint);

#ifdef __cplusplus
}
#endif
#endif


import java.io.*;
import java.util.*;
class B1 {
static {
System.loadLibrary("B1");
}
private native int add(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("\nEnter value of a : ");
a = sc.nextInt();
System.out.println("\nEnter value of b : ");
b = sc.nextInt();
do
{
System.out.println("\nENTER YOUR CHOICE : ");
ch = sc.nextInt();
switch(ch)
{
case 1 : new B1().add(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);
}
}
```