Java Code:

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;

System.out.println("\nEnter value of a:"); a=sc.nextInt(); System.out.println("\nEnter value of b:"); a=sc.nextInt();

new B1.add(a,b);

new B1.sub(a,b);

new B1.mult(a,b);

new B1.div(a,b);

}

}

C Code:

#include<stdio.h> #include<jni.h> #include "Cal.h"

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

{

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

}

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

{

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

}

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

{

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

}

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

{

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

}