**Code:-**

**Operation.java**

**public** **class** Operation{

**static**{

System.*loadLibrary*("Operation");

}

**public** **native** **void** greet();

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

Operation test=**new** Operation();

test.greet();

}

}

**Operation.cpp**

#include<stdio.h>

#include<jni.h>

#include "Operation.h"

JNIEXPORT void JNICALL Java\_Operation\_greet

(JNIEnv \*env, jobject obj){

int op1=10;

int op2=2;

int ch;

int ans=0;

int res=0;

do{

printf("Following operations:\n1.Add\n2.Subtract\n3.Multiply\n4.Divide\n");

printf("Enter the type of operation you want to perform");

scanf("%d",&ch);

switch(ch){

case 1:

res=op1+op2;

break;

case 2:

res=op1-op2;

break;

case 3:

res=op1\*op2;

break;

case 4:

res=op1/op2;

break;

}

printf("\nResult is %d\n",res);

printf("Do you want to continue?[1/0]\n");

scanf("%d",&ans);

}while(ans==1);

return ;

}

**Output:-**

C:\Users\abcd\eclipse-workspace\DLL\src>javac Operation.java

C:\Users\abcd\eclipse-workspace\DLL\src>javac -h . Operation.java

C:\Users\abcd\eclipse-workspace\DLL\src>java Operation

Following operations:

1.Add

2.Subtract

3.Multiply

4.Divide

Enter the type of operation you want to perform1

Result is 12

Do you want to continue?[1/0]

1

Following operations:

1.Add

2.Subtract

3.Multiply

4.Divide

Enter the type of operation you want to perform2

Result is 8

Do you want to continue?[1/0]

1

Following operations:

1.Add

2.Subtract

3.Multiply

4.Divide

Enter the type of operation you want to perform3

Result is 20

Do you want to continue?[1/0]

1

Following operations:

1.Add

2.Subtract

3.Multiply

4.Divide

Enter the type of operation you want to perform4

Result is 5

Do you want to continue?[1/0]

0