**PROGRAMS :Create a class called ‘calculator’ which implements basic arithmetic operations.**

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**#include<iostream>**

**using namespace std;**

**class calculator**

**{**

**int a,b;**

**public:**

**int add(){return a+b;}**

**int subtract(){return a-b;}**

**int mul(){return a\*b;}**

**float div(){return a/b;}**

**void setNumbers(int num1=0,int num2=0){**

**a=num1;**

**b=num2;**

**}**

**};**

**int main(){**

**calculator c;**

**int a,b,o;**

**cout<<"Enter two numbers "<<endl;**

**cin>>a>>b;**

**c.setNumbers(a,b);**

**cout<<"Enter the operation"<<endl<<"1.add 2.sub 3.mul 4.div"<<endl;**

**cin>>o;**

**switch(o){**

**case 1:cout<<c.add()<<endl;break;**

**case 2:cout<<c.subtract()<<endl;break;**

**case 3:cout<<c.mul()<<endl;break;**

**case 4:cout<<c.div()<<endl;break;**

**}**

**return 0;**

**}**

Input & Output:

