**/\* Program No. :**

**Aim : WAP to create a class calculator that has two numbers and an operator as it's member variables. It then carries out the specified arithmetic operation and displays the relevant output.**

**\*/**

#include<iostream.h>

#include<conio.h>

class calculator

{

float no1,no2;

char op;

public:

calculator(float,float,char);

float operation();

};

calculator::calculator(float x,float y,char z)

{

no1=x;

no2=y;

op=z;

}

float calculator::operation()

{

switch(op)

{

case '+':return(no1+no2);

case '-':return(no1-no2);

case '\*':return(no1\*no2);

case '/':if(no2==0)

return(-9999);

else

return(no1/no2);

}

}

void main()

{

float no1,no2;

char op,choice;

do

{

clrscr();

cout<<"\n\n\t\tEnter the first number : ";

cin>>no1;

cout<<"\t\tEnter the second number : ";

cin>>no2;

cout<<"\t\tEnter the operator (+,-,\*,/) : ";

cin>>op;

calculator ob1(no1,no2,op);

if(ob1.operation()==-9999)

cout<<"\n\n\t\tDivisor can't be zero.\n\t\tDivision can't be performed.";

else

cout<<"\n\n\t\tAnswer = "<<ob1.operation();

cout<<"\n\n\n\t\tWant to continue (y/n) : ";

cin>>choice;

}while(choice=='y'||choice=='Y');

getch();

}

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