**EXPERIMENT -11**

**Aim:** WAP to implement class to represent bank Acc. Include the following data member.  
 (a)name of Depositor

(b)Acc. No.

(c)Types of Acc.

Member function –

(a)To assign initial value.

(b)To deposit an amount.

(c)To withdraw an amount.

**Programme code:**

# include<iostream>

# include<conio.h>

# include<iomanip.h>

class bank {

char name[20];

int acno;

char actype[4];

float balance;

public:

void init();

void deposit();

void withdraw();

void disp\_det();

};

//member functions of bank class

void bank :: init()

{

cout<<"New Account";

cout<<"Enter the Name of the depositor : ";

cin.get(name,19,'');

cout<<"Enter the Account Number : ";

cin>>acno;

cout<<"Enter the Account Type : (CURR/SAVG/FD/RD/DMAT) ";

cin>>actype;

cout<<"Enter the Amount to Deposit : ";

cin >>balance;

}

void bank :: deposit()

{

float more;

cout <<" Depositing";

cout<<"Enter the amount to deposit : ";

cin>>more;

balance+=more;

}

void bank :: withdraw()

{

float amt;

cout<<"Withdrwal";

cout<<"Enter the amount to withdraw : ";

cin>>amt;

balance-=amt;

}

void bank :: disp\_det()

{

cout<<"Account Details";

cout<<"Name of the depositor : "<<name<<endl;

cout<<"Account Number : "<<acno<<endl;

cout<<"Account Type : "<<actype<<endl;

cout<<"Balance : $"<<balance<<endl;

}

// main function , exectution starts here

void main(void)

{

clrscr();

bank obj;

int choice =1;

while (choice != 0 )

{

cout<<”Enter 0 to exit \n 1. Initialize a new acc.\n 2. Deposit\n 3.Withdraw\n 4.See A/c Status";

cin>>choice;

switch(choice)

{

case 0 :obj.disp\_det();

cout<<"EXITING PROGRAM.";

break;

case 1 : obj.init();

break;

case 2: obj.deposit();

break;

case 3 : obj.withdraw();

break;

case 4: obj.disp\_det();

break;

default: cout<<"Illegal Option"<<endl;

}

}

getch();

}