1.The class should have following data members : Customer Name, Account Number, Type of Account (Savings/Current etc), Account Balance

include<iostream.h>

#include<conio.h>

#include<stdio.h>

#include<process.h>

class Bank

{

//Declaration of data members

public:

char name[20];

char account\_type[20];

int account\_number;

int balance;

//member functions of the class Bank

// initialize function to initialize data members

void initialize()

{

cout<<"\nEnter Account Holders Name:";

gets(name);

cout<<"\nEnter Account type:";

gets(account\_type);

cout<<"\nEnter account number:";

cin>>account\_number;

cout<<"\Enter balance to deposit:";

cin>>balance;

}

//deposit() function to deposit amount in account

void deposit()

{

int bal;

cout<<"\nEnter the amout to deposit:";

cin>>bal;

balance+=bal;

cout<<"\nAmount deposited successfuly\nYour New Balance:"<<balance;

}

cout<<"\nEnter Account Holders Name:";

gets(name);

cout<<"\nEnter Account type:";

gets(account\_type);

cout<<"\nEnter account number:";

cin>>account\_number;

cout<<"\Enter balance to deposit:";

cin>>balance;

}

//deposit() function to deposit amount in account

void deposit()

{

int bal;

cout<<"\nEnter the amout to deposit:";

cin>>bal;

balance+=bal;

cout<<"\nAmount deposited successfuly\nYour New Balance:"<<balance;

}

/check() function to withdraw amount and check remaining balance

void check()

{

int bal;

cout<<"\nYour balance :"<<balance<<"\nEnter amount to withdraw:";

cin>>bal;

if(bal<=balance)

{

balance-=bal;

cout<<"\nRemaining Balance:"<<balance;

}

else

{

exit(0);

}

}

//display function to display user information

void display()

{

cout<<"\nName :";

puts(name);

cout<<"\nBalance :"<<balance;

}

};

void main()

{

int i;

clrscr();

//An array of objects of Bank class can be created to handle 10 customers and their data

//as Bank bk[10];

//Then run this array in loop to initialize and access it's data members

Bank bk;

bk.initialize();

cout<<"\n1. Your Information\n2. Deposit\n3. Withdraw\nEnter your choice\n";

cin>>i;

if(i==1)

{

bk.display();

}

else if(i==2)

{

bk.deposit();

}

else if(i==3)

{

bk.check();

}

getch();

}

O/P:

Enter the account holder name: Anjali Mehta

Enter account type:Savings account

Enter account number:2913

Enter balance to deposit:1200

1.your information

2.deposit

3.withdraw

Enter your choice

1

Name:Anjali mehta

balance: 1200

Ans

2.The class should allow basic operations like creating a new account, deposit an amount, withdraw money after checking the balance, display account details.

Ans.

3.Add a non member function updateName() to receive a reference to an account object and a new name string. This function should update name and return the reference object.

Ans.