## **Program:**

**Define a class to represent a bank account. Include the following**

**members:**

**Data members:**

**1) Name of the depositor**

**2) Account number**

**3) Type of account**

**4) Balance amount in the account.**

**Member functions:**

**1) To assign initial values**

**2) To deposit an amount**

**3) To withdraw an amount after checking the balance**

**4) To display name and balance.**

**Write a main program to test the program.**

#include<iostream>

using namespace std;

class bank\_account{

public:

char name[30];

int num;

char type[30];

int balance;

void initial\_value()

{

cout<<"The name of the person: "<<endl;

cin.getline(name, 30);

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

cin.getline(type, 30);

cout<<"Account num is: "<<endl;

cin>>num;

cout<<"Account Balance is : "<<endl;

cin>>balance;

}

void deposite(int amount)

{

balance += amount;

cout<<" Amount after deposite: "<<balance<<endl;

}

void withdraw(int amount){

if(amount>balance){

cout<<"Amount is not enough"<<endl;

}

else{

balance -=amount;

cout<<"Amount after with draw"<<balance;

}

system("pause");

}

void display()

{

cout<<"The name of depositor : "<<name<<endl;

cout<<"Account number is: "<<num<<endl;

cout<<"Account type is: "<<type<<endl;

cout<<"Account Balance is : "<<balance<<endl;

}

};

main(){

bank\_account H;

int amount;

int choose;

H.initial\_value();

cout<<"-------------Atm----------"<<endl;

cout<<"press 1 to deposite"<<endl;

cout<<"press 2 to with draw"<<endl;

cin>>choose;

switch(choose){

case 1:

cout<<"account Deposite: "<<endl;

cin>>amount;

H.deposite(amount);

break;

case 2:

cout<<"account With draw: "<<endl;

cin>>amount;

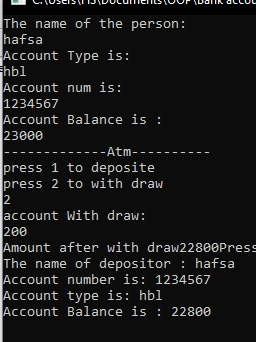
H.withdraw(amount);

}

H.display();

}

**Output:**

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