**Real life C++ example of representing a bank account**

**CODE: -**

#include<iostream>

using namespace std;

struct Bank

{

private:

float bal;

char name[30],type[5];

int acno;

public:

void create()

{

cout<<"Enter name : ";

cin>>ws;//Discard input buffer

cin.getline(name,29);

cout<<"Type of account : ";

cin>>type;

cout<<"Account number: ";

cin>>acno;

bal = 0;

}

void deposit()

{

float d;

cout<<"Enter value to deposit : ";

cin>>d;

bal+=d;

cout<<"Balance becomes : "<<bal;

}

void withdraw()

{

float w;

cout<<"Enter value to withdraw : ";

cin>>w;

if(w>bal)

cout<<"Not enough balance";

else

{

bal-=w;

cout<<"Balance becomes : "<<bal;

}

}

void display()

{

cout<<"Name : "<<name<<"\nA/C type : "<<type<<"\nA/C no. : "<<acno<<"\nBalance : "<<bal;

}

};

int main()

{

Bank b;

int a;

cout<<"1)Create account\n2)Deposit\n3)Withdraw\n4)Display\n5)Exit";

while(1)

{

cout<<"\nEnter option: ";

cin>>a;

switch(a)

{

case 1:b.create();break;

case 2:b.deposit();break;

case 3:b.withdraw();break;

case 4:b.display();break;

case 5:return 0;

default:cout<<"Try Again";

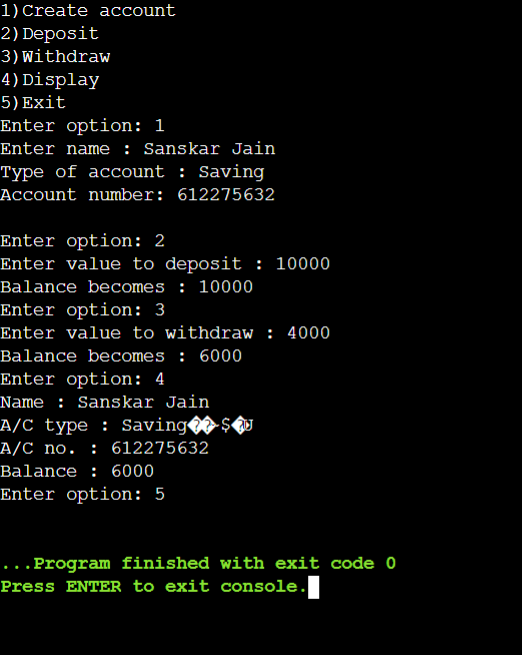
}

}

return 0;

}

**OUTPUT**

****