/\* WAP in c++ to define a class **BANK**  and to perform its basic functions . \*/

#include<iostream.h>

#include<conio.h>

#include<process.h>

int n, am;

class bank { char name[80];

int acc\_no;

enum acctype{S,C};

void account\_type(int n);

float balance;

public:

float add\_bal(float n);

float withdrawl (float k);

void initial();

void display();

}acc;

float bank:: add\_bal(float n)

{

cout<<"\n\nYour balance is : "<<balance;

balance+=n;

return balance;

}

float bank::withdrawl (float k)

{ m: cout<<"\n\nYour balance is : "<<balance;

if((balance-k)<1000)

{cout<<"\n\n\nUnable to withdraw money, as minimum of Rs. 1000 has to be in account.";

cout<<"\n\n\t\t Enter the amount to be withdrawn : "; cin>>k;

goto m;

}

balance-=k;

return balance;

}

void bank :: initial()

{cout<<"Enter your name : ";

cin.getline(name,80);

cout<<"\n\nEnter your acc. number : ";

cin>>acc\_no;

l:cout<<"\n\nEnter your acc. type (S/N) -> '1 for S' and '2 for N' : ";

cin>>n;

if(n==1||n==2)

{}

else

goto l;

m:cout<<"\n\nEnter your acc. balance : ";

cin>>balance;

if(balance<1000)

{

cout<<"\n\nInitial balance cannot be less than 1000.\n\n";

goto m;

}

}

void bank :: account\_type(int n)

{

switch(n)

{

case S+1 : cout<<" Saving account."; break;

case C+1 : cout<<" Current account."; break;

}

}

void bank::display()

{

cout<<"\n\nName of the account holder => "<<name;

cout<<"\n\nAccount number => "<<acc\_no;

cout<<"\n\nAccount type => ";account\_type(n);

cout<<"\n\nBalance in account = "<<balance;

}

void main()

{clrscr();

int ch; char choice;

acc.initial();

cout<<"\n\n\nWhat do you want to do : ";

do{ cout<<"\n\n";

cout<<"\n1. Add balance ";

cout<<"\n2. Withdraw balance ";

cout<<"\n3. Display account details and its status ";

cout<<"\n4. Exit ";

lb : cout<<"\n\nEnter your choice : "; cin>>ch;

switch(ch)

{ case 1: cout<<"\n\n\t\t Enter the amount to be deposited : ";

cin>>am;

cout<<"\n\nNow balance is : " <<acc.add\_bal(am);

break;

case 2: cout<<"\n\n\t\t Enter the amount to be withdrawn : ";

cin>>am;

cout<<"\n\nNow balance is : " <<acc.withdrawl(am);

break;

case 3: cout<<"\n\n------------------------------------ # Account Details # ------------------------------------------";

acc.display();

break;

case 4: for(int i=0; i<500; i++);

exit(0);

break;

default : cout<<"\n\nPlease enter desired keyword . ";

goto lb;

}

cout<<"\n\n\n\n\nWant to chose again : "; cin>>choice;

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

getch();

}//end of main

**Output:**

Enter your name : Rahul Verma

Enter your acc. number : 20073312

Enter your acc. type (S/N) -> '1 for S' and '2 for N' : 1

Enter your acc. balance : 5000

What do you want to do :

1. Add balance

2. Withdraw balance

3. Display account details and its status

4. Exit

Enter your choice : 1

Enter the amount to be deposited : 5000

Your balance is : 5000

Now balance is : 10000

Want to chose again : y

1. Add balance

2. Withdraw balance

3. Display account details and its status

4. Exit

Enter your choice : 2

Enter the amount to be withdrawn : 9500

Your balance is : 10000

Unable to withdraw money, as minimum of Rs. 1000 has to be in account.

Enter the amount to be withdrawn : 6000

Your balance is : 10000

Now balance is : 4000

Want to chose again : y

1. Add balance

2. Withdraw balance

3. Display account details and its status

4. Exit

Enter your choice : 3

--------------------------------------------------------------- # Account Details # ----------------------------------------------------------

Name of the account holder => Rahul Verma

Account number => 19296

Account type => Saving account.

Balance in account = 4000

Want to chose again :y

1. Add balance

2. Withdraw balance

3. Display account details and its status

4. Exit

Enter your choice : 4