

```

#include <iostream>

#include<string>

using namespace std;

class Account {

private:

string accountName;

double accountBalance;

int accountNum;

public:

Account (string details){

accountName=details;

accountBalance=187.5;

accountNum=123456;

}

void Deposit (double depositDetails){

accountBalance+=depositDetails;

cout<<"Depositing " <<depositDetails<<"to Acc# " <<accountNum<<endl;

cout<<"Your new balance is now " <<accountBalance<<endl;

}

void Withdraw(double withdrawDetails){

if(withdrawDetails>accountBalance){

cout<<"This is too much funds to withdraw and you only have " <<accountBalance<<endl;

}

else{

accountBalance-=withdrawDetails;

cout<<"Withdrawing " <<withdrawDetails<<"to Acc# " <<accountNum<<endl;

cout<<"Your new balance is now " <<accountBalance<<endl;

}

}

}

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}
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}
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void checkBalance(){  
    cout<<"Here is your Account Information: "<<endl;  
    cout<<"Account for: "<<accountName<<endl;  
    cout<<"Account #: "<<accountNum<<endl;  
    cout<<"Balance: $"<<accountBalance<<endl;
```

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}
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```
void menu(){  
    int userChoice;  
    bool running=true;  
    double amount;  
    do {  
        cout<<"1.Check Balance.\n";  
        cout<<"2.Deposit Amount.\n";  
        cout<<"3.Withdraw Amount.\n";  
        cout<<"4.Exit.\n";  
        cout<<"\n";  
        cin >> userChoice;  
        switch (userChoice) {  
            case 1:  
                checkBalance();  
                break;  
            case 2:  
                cout<< "Enter the amount of money to Deposit\n";
```

```
cin>>amount;
Deposit(amount);
break;
case 3:
cout<< "Enter the amount of money to Withdraw\n";
cin>>amount;
Withdraw(amount);
break;
case 4:
cout<<"Goodbye!\n";
running=false;
break;
default:
cout<<"Invalid choice\n";
}}
while(running);
}
};
int main(){
Account accountHolder("Sara");
accountHolder.menu();
return 0;
}
```