```cpp
#include <iostream>
#include <string>
using namespace std;
class bank_account {
private:
string name;
string account_type;
int account_number;
float balance;
public:
bank_account(string n, string at, int acc, float bal)
{
name = n;
account_type = at;
account_number = acc;
balance = bal;
}
void deposit(float);
void withdraw(float);
void display();
};
void bank_account::deposit(float amt) {
balance += amt;
cout << "\n" << amt << " deposited successfully.";
}
void bank_account::withdraw(float amt) {
if (amt <= balance) {
balance -= amt;
cout << "\n" << amt << " withdrawn successfully.";
} else {
cout << "\nInsufficient Balance!";
}
}
void bank_account::display() {
```

```cpp
cout << "\n~~ Account Details ~~\n";
cout << "Name of the customer: " << name << endl;
cout << "Account type: " << account_type << endl;
cout << "Account number: " << account_number << endl;
cout << "Available balance amount: " << balance << endl;
}
int main() {
int choice, acc;
float amount, bal;
char ch;
float rupees;
string n, at;
cout << "Enter the account holder name:";
cin.ignore();
getline(cin, n);
cout << "Enter account type:";
cin >> at;
cout << "Enter account number:";
cin >> acc;
cout << "Enter available balance amount:";
cin >> bal;
bank_account obj1(n, at, acc, bal);
do {
cout << "\n----- Bank Account Menu ------\n";
cout << "1. Display Account details\n";
cout << "2. Deposit amount\n";
cout << "3. Withdraw amount\n";
cout << "4. Exit\n";
cout << "Enter your choice: ";
cin.clear(); cin.ignore(1000, '\n'); // Fix: flush input buffer
cin >> choice;
switch (choice) {
case 1:
cout << "Display account details:\n";
```

```cpp
obj1.display();
break;
case 2:
cout << "Enter deposited amount:\n";
cin >> amount;
obj1.deposit(amount);
break;
case 3:
cout << "Enter withdraw amount:\n";
cin >> rupees;
obj1.withdraw(rupees);
obj1.display();
break;
case 4:
cout << "Exit\n";
break;
default:
cout << "Invalid choice!\n";
break;
}
cout << "Do you want to continue (Yes/No):";
cin >> ch;
} while (ch == 'Y' || ch == 'y');
return 0;
}
```

Output

Enter the account holder name:shruti deshmukh
Enter account type:saving
Enter account number:123456789
Enter available balance amount:50000

----- Bank Account Menu ------
1. Display Account details
2. Deposit amount

3. Withdraw amount
4. Exit
Enter your choice: 1
Display account details:

~~ Account Details ~~
Name of the customer: hruti deshmukh
Account type: saving
Account number: 123456789
Available balance amount: 50000
Do you want to continue (Yes/No):yes

----- Bank Account Menu ------
1. Display Account details
2. Deposit amount
3. Withdraw amount
4. Exit
Enter your choice: 2
Enter deposited amount:
45000

45000 deposited successfully.Do you want to continue (Yes/No):yes
----- Bank Account Menu -----
1. Display account details
 2. Deposit amount
 3. Withdraw amount
 4. Exit Enter your choice: 3
Enter amount to withdraw: 3000
₹3000 withdrawn successfully. Do you want to continue? (y/n): y

=== Code Execution Successful ===