



## Class 12 Computer Project &gt; main\_menu.py &gt;

1: Project

main\_menu.py x



2: Structure

3: Favorites

AWS Explorer

```
1  # Python Modules
2  import mysql.connector as conn
3  import time
4
5  # Project Modules
6  import books
7  import orders
8  import acc_ctrl
9
10 start_time = time.time()
11
12 print(" ----- [ Welcome to S & T Book Shop Management System ] -----")
13
14
15 def Main_menu(a, b, c):
16     # Login in with Account
17     mycon = conn.connect(host="localhost", user="root", password="Rinshu@03", database="book_shop")
18     login = 0
19     while login != 1: # Checking
20         cursor = mycon.cursor() # for a valid user
21         cursor.execute(f"select * from accounts where username = '{a}' and passwd = '{b}' ")
22         data = cursor.fetchone()
23         if data == None:
24             print("Wrong Credentials")
25             break
26         else:
27             if data[0] == 1: # Checking
28                 while c != 1: # for the root(admin) user
29                     print("      Successfully Logged In. \n"
30                           "      You are Administrator :)")
31                     c = 1
32             print("Select your choice: \n")
```

```
32 print("Select your choice: \n"
33      " 1 -> Add A New Book \n" +
34      " 2 -> Update A book Information \n" +
35      " 3 -> Remove A book \n" +
36      " 4 -> View Details of a book \n" +
37      " 5 -> View All Books \n" +
38      " 6 -> Place an Order \n" +
39      " 7 -> Cancel an Order \n"
40      " 8 -> Return/Replace an Order \n" +
41      " 9 -> Update an Order Address \n" +
42      " 10 -> View All Orders \n" +
43      " 11 -> View Orders of a User(s) \n"
44      " 12 -> View Orders by Date \n" +
45      " 13 -> Add a New User \n" +
46      " 14 -> Update A User's Credentials \n" +
47      " 15 -> Remove A User \n"
48      " 16 -> View all Users \n"
49      " 17 -> View Details of some users \n" +
50      " 18 -> Exit")
51
52 ch = int(input("Enter your choice from (1 to 18): "))
53
54 if ch == 1:
55     books.Add_book()
56 elif ch == 2:
57     books.Update_book()
58 elif ch == 3:
59     books.Delete_book()
60 elif ch == 4:
61     books.View_details()
62 elif ch == 5:
63     books.View_all()
64 elif ch == 6:
65     orders.Place_ord(a)
```

```
64 elif ch == 7:
65     orders.Cancel_ord()
66 elif ch == 8:
67     orders.Return_replace(a)
68 elif ch == 9:
69     orders.Update_ord_addr()
70 elif ch == 10:
71     orders.View_all_ords()
72 elif ch == 11:
73     orders.View_all_u()
74 elif ch == 12:
75     orders.View_ord_dt()
76 elif ch == 13:
77     acc_ctrl.Add_new()
78 elif ch == 14:
79     acc_ctrl.Update_user()
80 elif ch == 15:
81     acc_ctrl.Del_user()
82 elif ch == 16:
83     acc_ctrl.All_u()
84 elif ch == 17:
85     acc_ctrl.View_user()
86 elif ch == 18:
87     end_time = time.time()
88     print("Successfully Logged Out. Your active time was ", end_time - start_time, "seconds")
89     exit(0)
90 else:
91     print("Wrong Input")
92 login = 1
93 do_again = input("Go Back to Main Menu? (y -> Yes, n -> No and Logout) ")
94 if do_again in ['y', 'yes', 'Y', 'YES']:
95     Main_menu(a, b, c)
```

```
96     else:
97         end_time = time.time()
98         print("Process Successfully Done. Logged Out")
99         print("Your active time was ", end_time - start_time, "seconds")
100         exit(0)
101
102     else:
103         print("    Successfully Logged In.")
104         print("    1-> Place an Order \n"
105             "    2-> Cancel an Order \n"
106             "    3-> Return or Replace an Order \n"
107             "    4-> Update an Order Address \n"
108             "    5-> View all your Orders \n" +
109             "    6-> Exit")
110         ch2 = int(input("Enter your choice from (1 to 6): "))
111         if ch2 == 1:
112             orders.Place_ord(a)
113         elif ch2 == 2:
114             orders.Cancel_ord_u(a)
115         elif ch2 == 3:
116             orders.Return_replace(a)
117         elif ch2 == 4:
118             orders.Up_ord_av(a)
119         elif ch2 == 5:
120             orders.View_av(a)
121         elif ch2 == 6:
122             end_time = time.time()
123             print("Successfully Logged Out. Your active time was ", end_time - start_time, "seconds")
124             exit(0)
125         else:
126             print("Wrong Input.")
127         login = 1
128         do_again = input("Go Back to Main Menu? (y -> Yes, n -> No and Logout) ")
```

```
128         if do_again in ['y', 'yes', 'Y', 'YES']:
129             Main_menu(a, b, c)
130         else:
131             end_time = time.time()
132             print("Process Successfully Done. Logged Out")
133             print("Your active time was ", end_time - start_time, "seconds")
134             exit(0)
135     log_ag = str(input("Enter login details again? (y -> Yes, n -> No and exit): "))
136     if log_ag == 'y' or log_ag == 'Y':
137         user_id = Usern()
138         user_pass = Userp()
139         Main_menu(user_id, user_pass, c)
140     else:
141         end_time = time.time()
142         print("Successfully Logged Out. Your active time was ", end_time - start_time, "seconds")
143         exit(0)
144
145
146 # __ main __
147 # Calling the main program
148 print("1 -> Sign Up \n"
149       "2 -> Sign In")
150 sign = int(input("Enter your choice: "))
151 count = 0
152
153 if sign == 1:
154     tp = acc_ctrl.Sign_Up()
155     print("Restart the software to Login.....:")
156 elif sign == 2:
157
158     def Usern():
```

```
158 def Usern():
159     input_username = input(" Enter Login ID: ").strip()
160     return input_username
161
162 def Userp():
163     input_password = input(" Enter Password: ").strip()
164     return input_password
165
166 x = Usern()
167 y = Userp()
168 Main_menu(x, y, count)
169
170 else:
171     print("Wrong Input")
172
```