9/17/22, 9:51 AM Atm Machine.py

```
1 import mysql.connector
 2 mydb=mysql.connector.connect(
 3
      host="localhost",
 4
       user="root",
 5
       password="19Uma43*",
       database="atm_machine_db"
 6
 7
  )
  print("************WELCOME TO ATM MACHINE*************")
 9 atm id="B1233200"
10 option=["1.Deposit Cash","2.Withdrawal Cash","3.Exit"]
11 for i in option:
       print(i)
12
13 def data(option):
14
       if option==1:
15
           print("Please Insert Your Card")
          customer_name=input("Enter Your Name:")
16
17
           try:
               pin=int(input("Enter Your PIN Number:"))
18
               print(f"Your Name is {customer_name}")
19
               print(f"Your PIN Number is {pin}")
20
21
               check=input("Please Confirm above details if they are Correct or
   Incorect?:").lower().strip()
               if check=="correct":
22
23
                   print("Please Wait")
24
                   print("I am Depositing the case Deposit/Cheque through ATM.Accept the
   following the Amount and other contents are verified by the Bank will be
   conclusive.Binding on me for all purposes and I shall not raise any dispute in
   respect of the said Transactor")
25
                   condition=input("Should You Agree the above condion YES or
   NO:").lower().strip()
                   if condition=="yes":
26
27
                       print("Please select the Next option")
                       type=input("Enter Your Account Type SAVING or
28
   CURRENT:").lower().strip()
29
                       deposit_amnt=int(input("Enter Your Deposit Amount:"))
30
                       print("The Cash in out box is opened")
31
                       print("Please Put the Amount in Cash in out box")
32
                       print("Please deposit the cash in Rs.100,Rs.500,Rs.2000
   Denominators only")
33
                       print("Please do not deposit more than 200 Notes at the time")
                       confirm=input("The above condition Yes or No:").lower().strip()
34
35
                       if confirm=="yes":
                           print("Your Cash is being Verified")
36
37
                           print("Bad notes are detected")
38
                           print("Your transaction will be proceed with Good notes")
                           conformation=input("Please confirm the Transaction Amount
39
   Deposit or Cancel?:").lower().strip()
                           if conformation=="deposit":
40
                               print("Your Transaction Completed Successfully")
41
                               print("Please take the receipt")
42
                               43
44
                               import datetime
45
                               now=datetime.datetime.now()
46
                               print("Current date and time:")
                               print(now.strftime("%d-%m-%Y/t %H:%M:%S"))
47
48
                               print(f"ATM-ID: {atm_id}")
49
                               print(f"Name: {customer_name}")
                               print(f"PIN Number: {pin}")
50
51
                               print(f"Deposit Amount: {deposit_amnt}")
```

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```
print("~~~~~THANK YOU, PLEASE VISIT AGAIN~~~~~")
 52
 53
                                 Name=customer name
 54
                                 PIN=pin
 55
                                 Deposit Amount=deposit amnt
                                 Account_Type=type
 56
                                 val=(customer_name,pin,deposit_amnt,type)
 57
 58
                                 sql="insert into
    deposit_details(Name,PIN,Deposit_Amount,Account_Type) values (%s,%s,%s,%s)"
 59
                                 mycursor = mydb.cursor()
                                 mycursor.execute(sql,val)
 60
 61
                                 mydb.commit()
 62
                                 def insert(Name,PIN,Deposit_Amount,Account_Type):
 63
                                     res=mydb.cursor()
                                     sql="insert into
 64
    deposit_details(Name,PIN,Deposit_Amount,Account_Type)    values (%s,%s,%s,%s)"
 65
                                     Deposit_details=
    (Name, PIN, Deposit_Amount, Account_Type)
                                     res.execute(sql,Deposit_details)
 66
 67
                                     mydb.commit()
                                     print("Data Insert Successfully")
 68
                                 def update(Name,PIN,Deposit Amount,Account Type):
 69
 70
                                     res=mydb.cursor()
 71
                                     sql="update deposit_details set
    Name=%s, PIN=%s, Deposit_Amount=%s, Account_Type=%s"
 72
                                     deposit details=
    (Name, PIN, Deposit Amount, Account Type)
 73
                                     res.execute(sql,deposit_details)
 74
                                     mydb.commit()
 75
                                     print("Data Update Successfully")
 76
                                 def select():
 77
                                     res=mydb.cursor()
                                     sql="select Name,PIN,Deposit_Amount,Account_Type from
 78
    deposit_details"
 79
                                     res.execute(sql)
                                     result=res.fetchmany()
 80
 81
                                     print(result)
                                     print("Data Select Successfully")
 82
                                 def delete(Name):
 83
                                     res=mydb.cursor()
 84
 85
                                     sql="delete from deposit details where Name=%s"
                                     deposit details=(Name,)
 86
                                     res.execute(sql,deposit_details)
 87
 88
                                     mydb.commit()
 89
                                     print("Data Delete Successfully")
 90
                                 while True:
                                     print("1.Insert Data")
 91
 92
                                     print("2.Update Data")
 93
                                     print("3.select data")
                                     print("4 Delete data")
 94
 95
                                     print("5.Quit")
                                     Choice=int(input("Enter your choice:"))
 96
 97
                                     if Choice==1:
 98
                                         Name=input("Enter your name:")
 99
                                         PIN=input("Enter your pin:")
                                         Deposit_Amount=input("Enter your Deposit
100
    Amount:")
                                         Account Type=input("Enter your Account Type:")
101
102
                                         insert(Name,PIN,Deposit Amount,Account Type)
103
                                     elif Choice==2:
                                         Name=input("Enter your name:")
104
```

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```
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                                                 Atm Machine.py
                                         PIN=input("Enter your pin:")
 105
 106
                                         Deposit_Amount=input("Enter your deposit
    Amount:")
 107
                                         Account Type=input("Enter your Account Type:")
                                         update(Name, PIN, Deposit_Amount, Account_Type)
 108
                                     elif Choice==3:
 109
                                         select()
 110
                                     elif Choice==4:
 111
                                         Name=input("Enter the Name to delete:")
 112
 113
                                         delete(Name)
                                     elif Choice==5:
 114
 115
                                         quit()
 116
                                     else:
                                         print("invalid selection.please try again")
 117
                             elif conformation=="cancel":
 118
                                 print("Sorry Your Transaction is Cancelled!")
 119
 120
                             else:
 121
                                 print("Invalid Option")
 122
                         else:
                             print("Sorry Invalid Option")
 123
 124
 125
                     else:
 126
                         print("Option Invalid")
 127
                 else:
 128
                     print("please Re-enter the Details")
 129
             except ValueError:
 130
                 print(" Please enter the number only")
 131
         elif option==2:
 132
             print("Please Insert Your Card")
             Customer Name=input("Enter Your Name:")
 133
 134
             try:
                 Pin=int(input("Enter Your PIN Number:"))
 135
 136
                 print(f"Your Name is {Customer_Name}")
                 print(f"Your PIN Number is {Pin}")
 137
 138
                 check=input("Please Confirm above details if they are Correct or
     Incorect?:").lower().strip()
                 if check=="correct":
 139
                     print("Please Wait")
 140
                     print("Make sure that you do not enter a withdrawal amount more than
 141
    the balance in your account")
                     condition=input("Should You Agree the above condion YES or
 142
    NO:").lower().strip()
 143
                     if condition=="yes":
 144
                         print("Please select the Next option")
 145
                         Type=input("Enter Your Account Type SAVING or
    CURRENT:").lower().strip()
 146
                         Withdrawal_amnt=int(input("Enter Your Withdrawal Amount:"))
 147
                         print("Please take the cash")
                         print("Please take the receipt")
 148
                         149
 150
                         import datetime
 151
                         now=datetime.datetime.now()
 152
                         print("Current date and time:")
 153
                         print(now.strftime("%d-%m-%Y/t %H:%M:%S"))
                         print(f"ATM-ID: {atm id}")
 154
 155
                         print(f"Name: {Customer_Name}")
 156
                         print(f"PIN Number: {Pin}")
 157
                         print(f"Deposit Amount: {Withdrawal_amnt}")
 158
                         print("~~~~~THANK YOU, PLEASE VISIT AGAIN~~~~~")
 159
                         Name=Customer Name
```

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```
PIN=Pin
160
161
                         Deposit_Amount=Withdrawal_amnt
                         Account Type=Type
162
163
                         val=(Customer Name, Pin, Withdrawal amnt, Type)
                         sql="insert into
164
    deposit_details(Name,PIN,Deposit_Amount,Account_Type) values (%s,%s,%s,%s)"
165
                        mycursor = mydb.cursor()
166
                         mycursor.execute(sql,val)
167
                         mydb.commit()
168
                         def insert(Name,PIN,Withdrawal_Amount,Account_Type):
169
                             res=mydb.cursor()
170
                             sql="insert into
    withdrawal_details(Name,PIN,Withdrawal_Amount,Account_Type) values (%s,%s,%s)"
                             Withdrawal details=(Name, PIN, Withdrawal Amount, Account Type)
171
172
                             res.execute(sql,Withdrawal details)
                             mydb.commit()
173
                             print("Data Insert Successfully")
174
175
                         def update(Name,PIN,Withdrawal_Amount,Account_Type):
176
                             res=mydb.cursor()
                             sql="update withdrawal details set
177
    Name=%s,PIN=%s,Withdrawal Amount=%s,Account Type=%s"
178
                             withdrawal details=(Name, PIN, Withdrawal Amount, Account Type)
179
                             res.execute(sql,withdrawal_details)
180
                             mydb.commit()
181
                             print("Data Update Successfully")
182
                         def select():
183
                             res=mydb.cursor()
184
                             sql="select Name,PIN,Withdrawal_Amount,Account_Type from
    withdrawal details"
185
                             res.execute(sql)
186
                             result=res.fetchmany()
187
                             print(result)
188
                             print("Data Select Successfully")
                         def delete(Name):
189
190
                             res=mydb.cursor()
                             sql="delete from withdrawal details where Name=%s"
191
192
                             withdrawal details=(Name,)
193
                             res.execute(sql,withdrawal_details)
194
                             mydb.commit()
195
                             print("Data Delete Successfully")
196
                        while True:
197
                             print("1.Insert Data")
                             print("2.Update Data")
198
199
                             print("3.select data")
200
                             print("4 Delete data")
                             print("5.Quit")
201
202
                             Choice=int(input("Enter your choice:"))
203
                             if Choice==1:
204
                                 Name=input("Enter your name:")
205
                                 PIN=input("Enter your pin:")
                                 Withdrawal Amount=input("Enter your Withdrawal Amount:")
206
                                 Account_Type=input("Enter your Account Type:")
207
208
                                 insert(Name, PIN, Withdrawal Amount, Account Type)
209
                             elif Choice==2:
                                 Name=input("Enter your name:")
210
211
                                 PIN=input("Enter your pin:")
212
                                 Withdrawal_Amount=input("Enter your withdrawal Amount:")
                                 Account_Type=input("Enter your Account Type:")
213
214
                                 update(Name,PIN,Withdrawal_Amount,Account_Type)
                             elif Choice==3:
215
```

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9/17/22, 9:51 AM Atm Machine.py 216 select() 217 elif Choice==4: Name=input("Enter the Name to delete:") 218 219 delete(Name) 220 elif Choice==5: 221 quit() 222 else: 223 print("invalid selection.please try again") 224 else: print("Please Re-enter the Details") 225 226 except: print("Please enter the number only") 227 elif option==3: 228 229 print("Exit") 230 else: print("Sorry Invalid Option") 231 232 n=int(input("Enter Your Choice in Only Number:")) 233 data(n) 234 235 236 237 238 239 240 241 242