```
import mysql.connector
mydb=mysql.connector.connect(
    host="localhost",
    user="root",
    password="19Uma43*",
    database="atm_machine_db"
)
print("*****************WELCOME TO ATM MACHINE*****************")
atm_id="B1233200"
option=["1.Deposit Cash","2.Withdrawal Cash","3.Exit"]
for i in option:
    print(i)
def data(option):
    if option==1:
        print("Please Insert Your Card")
        customer_name=input("Enter Your Name:")
        try:
            pin=int(input("Enter Your PIN Number:"))
            print(f"Your Name is  {customer_name}")
            print(f"Your PIN Number is {pin}")
            check=input("Please Confirm above details if they are Correct or Incorect?:").lower().strip()
            if check=="correct":
                print("Please Wait")
                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")
                condition=input("Should You Agree the above condion YES or NO:").lower().strip()
                if condition=="yes":
                    print("Please select the Next option")
                    type=input("Enter Your Account Type SAVING or CURRENT:").lower().strip()
                    deposit_amnt=int(input("Enter Your Deposit Amount:"))
                    print("The Cash in out box is opened")
                    print("Please Put the Amount in Cash in out box")
                    print("Please deposit the cash in Rs.100,Rs.500,Rs.2000 Denominators only")
                    print("Please do not deposit more than 200 Notes at the time")
                    confirm=input("The above condition Yes or No:").lower().strip()
                    if confirm=="yes":
                        print("Your Cash is being Verified")
                        print("Bad notes are detected")
                        print("Your transaction will be proceed with Good notes")
                        conformation=input("Please confirm the Transaction Amount Deposit or Cancel?:").lower().strip()
                        if conformation=="deposit":
                            print("Your Transaction Completed Successfully")
                            print("Please take the receipt")
                            print("*******************************************")
                            import datetime
                            now=datetime.datetime.now()
                            print("Current date and time:")
                            print(now.strftime("%d-%m-%Y/t %H:%M:%S"))
                            print(f"ATM-ID: {atm_id}")
                            print(f"Name: {customer_name}")
                            print(f"PIN Number: {pin}")
                            print(f"Deposit Amount: {deposit_amnt}")
```

```
                            print("~~~~~~~~~~THANK YOU,PLEASE VISIT AGAIN~~~~~~~~~~")
                            Name=customer_name
                            PIN=pin
                            Deposit_Amount=deposit_amnt
                            Account_Type=type
                            val=(customer_name,pin,deposit_amnt,type)
                            sql="insert into
deposit_details(Name,PIN,Deposit_Amount,Account_Type) values (%s,%s,%s,%s)"
                            mycursor = mydb.cursor()
                            mycursor.execute(sql,val)
                            mydb.commit()
                            def insert(Name,PIN,Deposit_Amount,Account_Type):
                                res=mydb.cursor()
                                sql="insert into
deposit_details(Name,PIN,Deposit_Amount,Account_Type) values (%s,%s,%s,%s)"
                                Deposit_details=
(Name,PIN,Deposit_Amount,Account_Type)
                                res.execute(sql,Deposit_details)
                                mydb.commit()
                                print("Data Insert Successfully")
                            def update(Name,PIN,Deposit_Amount,Account_Type):
                                res=mydb.cursor()
                                sql="update  deposit_details set
Name=%s,PIN=%s,Deposit_Amount=%s,Account_Type=%s"
                                deposit_details=
(Name,PIN,Deposit_Amount,Account_Type)
                                res.execute(sql,deposit_details)
                                mydb.commit()
                                print("Data Update Successfully")
                            def select():
                                res=mydb.cursor()
                                sql="select Name,PIN,Deposit_Amount,Account_Type from
deposit_details"
                                res.execute(sql)
                                result=res.fetchmany()
                                print(result)
                                print("Data Select Successfully")
                            def delete(Name):
                                res=mydb.cursor()
                                sql="delete from  deposit_details where Name=%s"
                                deposit_details=(Name,)
                                res.execute(sql,deposit_details)
                                mydb.commit()
                                print("Data Delete Successfully")
                            while True:
                                print("1.Insert Data")
                                print("2.Update Data")
                                print("3.select data")
                                print("4 Delete data")
                                print("5.Quit")
                                Choice=int(input("Enter your choice:"))
                                if Choice==1:
                                    Name=input("Enter your name:")
                                    PIN=input("Enter your pin:")
                                    Deposit_Amount=input("Enter your Deposit
Amount:")
                                    Account_Type=input("Enter your Account Type:")
                                    insert(Name,PIN,Deposit_Amount,Account_Type)
                                elif Choice==2:
                                    Name=input("Enter your name:")
```

```
                                    PIN=input("Enter your pin:")
                                    Deposit_Amount=input("Enter your deposit
Amount:")
                                    Account_Type=input("Enter your Account Type:")
                                    update(Name,PIN,Deposit_Amount,Account_Type)
                                elif Choice==3:
                                    select()
                                elif Choice==4:
                                    Name=input("Enter the Name to delete:")
                                    delete(Name)
                                elif Choice==5:
                                    quit()
                                else:
                                    print("invalid selection.please try again")
                            elif conformation=="cancel":
                                print("Sorry Your Transaction is Cancelled!")
                            else:
                                print("Invalid Option")
                        else:
                            print("Sorry Invalid Option")

                    else:
                        print("Option Invalid")
                else:
                    print("please Re-enter the Details")
            except ValueError:
                print(" Please enter the number only")
        elif option==2:
            print("Please Insert Your Card")
            Customer_Name=input("Enter Your Name:")
            try:
                Pin=int(input("Enter Your PIN Number:"))
                print(f"Your Name is  {Customer_Name}")
                print(f"Your PIN Number is {Pin}")
                check=input("Please Confirm above details if they are Correct or
Incorect?:").lower().strip()
                if check=="correct":
                    print("Please Wait")
                    print("Make sure that you do not enter a withdrawal amount more than
the balance in your account")
                    condition=input("Should You Agree the above condion YES or
NO:").lower().strip()
                    if condition=="yes":
                        print("Please select the Next option")
                        Type=input("Enter Your Account Type SAVING or
CURRENT:").lower().strip()
                        Withdrawal_amnt=int(input("Enter Your Withdrawal Amount:"))
                        print("Please take the cash")
                        print("Please take the receipt")
                        print("*******************************************")
                        import datetime
                        now=datetime.datetime.now()
                        print("Current date and time:")
                        print(now.strftime("%d-%m-%Y/t %H:%M:%S"))
                        print(f"ATM-ID: {atm_id}")
                        print(f"Name: {Customer_Name}")
                        print(f"PIN Number: {Pin}")
                        print(f"Deposit Amount: {Withdrawal_amnt}")
                        print("~~~~~~~~~~THANK YOU,PLEASE VISIT AGAIN~~~~~~~~~~")
                        Name=Customer_Name
```

```
160                     PIN=Pin
161                     Deposit_Amount=Withdrawal_amnt
162                     Account_Type=Type
163                     val=(Customer_Name,Pin,Withdrawal_amnt,Type)
164                     sql="insert into
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,%s)"
171                         Withdrawal_details=(Name,PIN,Withdrawal_Amount,Account_Type)
172                         res.execute(sql,Withdrawal_details)
173                         mydb.commit()
174                         print("Data Insert Successfully")
175                     def update(Name,PIN,Withdrawal_Amount,Account_Type):
176                         res=mydb.cursor()
177                         sql="update  withdrawal_details set
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")
189                     def delete(Name):
190                         res=mydb.cursor()
191                         sql="delete from  withdrawal_details where Name=%s"
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")
198                         print("2.Update Data")
199                         print("3.select data")
200                         print("4 Delete data")
201                         print("5.Quit")
202                         Choice=int(input("Enter your choice:"))
203                         if Choice==1:
204                             Name=input("Enter your name:")
205                             PIN=input("Enter your pin:")
206                             Withdrawal_Amount=input("Enter your Withdrawal Amount:")
207                             Account_Type=input("Enter your Account Type:")
208                             insert(Name,PIN,Withdrawal_Amount,Account_Type)
209                         elif Choice==2:
210                             Name=input("Enter your name:")
211                             PIN=input("Enter your pin:")
212                             Withdrawal_Amount=input("Enter your withdrawal Amount:")
213                             Account_Type=input("Enter your Account Type:")
214                             update(Name,PIN,Withdrawal_Amount,Account_Type)
215                         elif Choice==3:
```

```
                            select()
                        elif Choice==4:
                            Name=input("Enter the Name to delete:")
                            delete(Name)
                        elif Choice==5:
                            quit()
                        else:
                            print("invalid selection.please try again")
                else:
                    print("Please Re-enter the Details")
        except:
            print("Please enter the number only")
    elif option==3:
        print("Exit")
    else:
        print("Sorry Invalid Option")
n=int(input("Enter Your Choice in Only Number:"))
data(n)
```