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import MySQLdb

conn = MySQLdb.connect(host = "localhost", user="root",
password="root",db="b25")

cur = conn.cursor()

while True:
    print("\n-----MENU-----\n"
          "1:Show tables \n"
          "2:Show Table Data \n"
          "3:Create Table \n"
          "4:Insert Values \n"
          "5>Delete Data \n"
          "6:Update Data Values \n"
          "7:Show Create Table Data \n"
          "8:Describe Table \n")

    ch = int(input("Enter Your choice:"))

    if ch==1:
        curs.execute(f'show tables;')
        for i in curs:
            print(i)

    elif ch==2:
        tbl_name = input('Enter Table Name:')
        show_data = curs.execute(f'select * from {tbl_name};')

        if show_data == 0:
            print("Table is Empty....")

        else:
            for i in curs:
                print(i)

    elif ch==3:
        tbl_name = input("Enter Table Name:")
        curs.execute(f'create table {tbl_name} (cid int, name varchar(40), city
varchar(40))')

    elif ch==4:
        tbl_name = input("Enter Table Name:")
        cid = int(input("Enter Customer id:"))
        name = input("Enter Customer Name:")
        city = input("Enter City :")
        curs.execute(f"insert into {tbl_name} values({cid}, '{name}',
'{city}'))")

    elif ch==5:
        tbl_name = input('Enter Table Name:')
        cid = int(input('Enter Coustemer id:'))
        curs.execute(f"delete from {tbl_name} where cid={cid};")

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elif ch==6:
    tbl_name = input('Enter Table Name:')
    cid = int(input('Enter Customer id:'))
    city = input('Enter Customer City:')
    curs.execute(f'update{tbl_name} set city"{city}" where cid={cid};')

elif ch==7:

    tbl_name = input('Enter Table Name:')
    curs.execute(f'show create table {tbl_name};')

    for i in curs:
        print(i)

elif ch==8:

    tbl_name = input('Enter Table Name:')
    curs.execute(f'desc {tbl_name};')

    for i in curs:
        print(i)

print('QUERY EXECUTED SUCCESSFULLY!!!!')
conn.commit()

else :
    break

conn.close()
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