1. DBMSL Assignment No 8
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3. Batch:T3 4

5 Program:

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1. import mysql.connector
2. from mysql.connector import Error
3. from tabulate import tabulate 10 try:

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1. connection=mysql.connector.connect(host="localhost",database="Connect",user="root ",password="lonkar#1411")
2. if connection.is\_connected():
3. db\_info=connection.get\_server\_info()
4. print("Connected to MySql server version",db\_info)

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1. def insert(id,name,age,city):
2. res=connection.cursor()
3. sql="Insert into user values(%s,%s,%s,%s);"
4. values=(id,name,age,city)
5. exu=res.execute(sql,values)
6. connection.commit()
7. res.close()
8. print("Data is Inserted")

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1. def select():
2. res=connection.cursor()
3. sql="Select \* from user"
4. res.execute(sql)
5. #record=exu.fetchall()
6. print(tabulate(res.fetchall(),headers=('Roll No','Name','Age','City')))
7. res.close()

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1. def delete(id):
2. res=connection.cursor()
3. sql="Delete from user where id=%s;"
4. values=(id)
5. exu=res.execute(sql,values)
6. connection.commit()
7. res.close()
8. print("Data Deleted")

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1. def update(id,name,age,city):
2. res=connection.cursor()
3. sql="Update user set name=%s,age=%s,city=%s where id=%s"
4. values=(name,age,city,id)
5. exu=res.execute(sql,values)
6. connection.commit()
7. res.close()
8. print("The Record is updated")

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1. while True:
2. print("#####MENU#####")
3. print("1.Insert a Record")
4. print("2.Display Records")
5. print("3.Update a Record")
6. print("4.Delete a Record")

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62 ch=int(input("Enter your choice:"))

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1. if(ch==1):
2. id=int(input("Enter the Roll No:"))
3. name=input("Enter the Name:")
4. age=int(input("Enter the Age:"))
5. city=input("Enter the City:")
6. insert(id,name,age,city)

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1. if(ch==2):
2. select()

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1. if(ch==3):
2. id=int(input("Enter the Roll No:"))
3. name=input("Enter the Name:")
4. age=int(input("Enter the Age:"))
5. city=input("Enter the City:")
6. update(id,name,age,city)

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1. if(ch==4):
2. id=int(input("Enter the Roll No:"))
3. delete('id')

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1. if(ch==5):
2. quit()

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1. if(ch>5):
2. print("Enter the valid choice") 90 except Error as e:

91 print("Error while connection to MySql",e)

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93 finally:

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1. if connection.is\_connected():
2. connection.close()
3. print("MySql connection is closed")
4. 99 Output:

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101 Connected to MySql server version 8.0.34

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1. 1 .Insert
2. #####MENU#####
3. 1 .Insert a Record
4. 2 .Display Records
5. 3 .Update a Record
6. 4 .Delete a Record
7. Enter your choice:1
8. Enter the Roll No:1
9. Enter the Name:ABC
10. Enter the Age:20
11. Enter the City:Pune
12. Data is Inserted

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1. 2 .Select
2. #####MENU#####
3. 1 .Insert a Record
4. 2 .Display Records
5. 3 .Update a Record
6. 4 .Delete a Record
7. Enter your choice:2
8. Roll No Name Age City
9. --------- ------ ----- -----125 1 ABC 20 Pune

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1. 3 .Update
2. #####MENU#####
3. 1 .Insert a Record
4. 2 .Display Records
5. 3 .Update a Record
6. 4 .Delete a Record
7. Enter your choice:3
8. Enter the Roll No:1
9. Enter the Name:XYZ
10. Enter the Age:25
11. Enter the City:Mumbai
12. The Record is updated

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1. #####MENU#####
2. 1 .Insert a Record
3. 2 .Display Records
4. 3 .Update a Record
5. 4 .Delete a Record
6. 5 .Exit
7. Enter your choice:2
8. Roll No Name Age City
9. --------- ------ ----- -----149 1 XYZ 25 Mumbai

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151 4 .Delete

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1. #####MENU#####
2. 1 .Insert a Record
3. 2 .Display Records
4. 3 .Update a Record
5. 4 .Delete a Record
6. 5 .Exit
7. Enter your choice:4
8. Enter the Roll No:1
9. Data Deleted
10. #####MENU#####
11. 1 .Insert a Record
12. 2 .Display Records
13. 3 .Update a Record
14. 4 .Delete a Record
15. 5 .Exit
16. Enter your choice:2
17. Roll No Name Age City
18. --------- ------ ----- -----171

172 5 .Exit

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1. #####MENU#####
2. 1 .Insert a Record
3. 2 .Display Records
4. 3 .Update a Record
5. 4 .Delete a Record
6. 5 .Exit
7. Enter your choice:5
8. MySql connection is closed

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