

Bangladesh University of Business and Technology (BUBT)



Lab Report:03

Subject:- Artificial Intelligence Lab

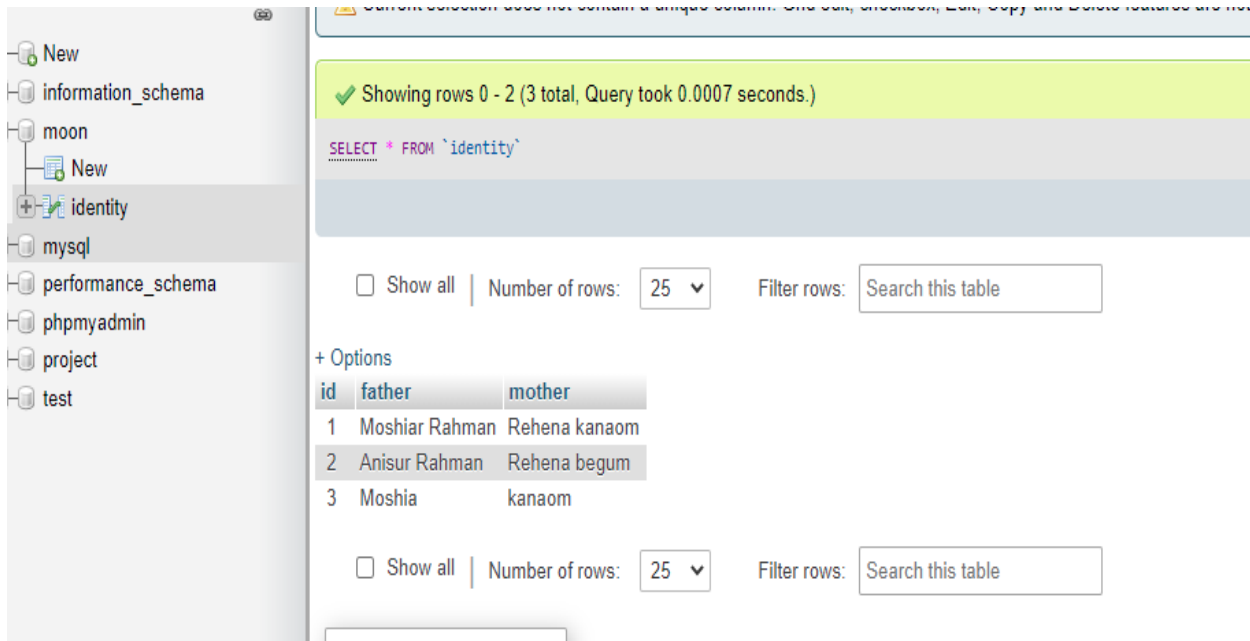
Course Code:- CSE 352

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Lab No: 03

Lab Task Name: (i) connect python with mysql database and perform read operation (ii) perform update operation and show it in the browser.



Code:-

Read Operation:

```
import mysql.connector as mysql

db = mysql.connect(
    host = "localhost",
    user = "root",
    passwd = "",
    database = "moon"
)

cursor = db.cursor()

query = "SELECT * FROM identity"
```

```
cursor.execute(query)
records = cursor.fetchall()
```

```
for record in records:
    print(record)
```

Output:-

```
runfile('C:/Users/Admin/Documents/Python/read.py', wdir='C:/Users/Admin/Documents/Python')
(1, 'Moshiar Rahman', 'Rehena kanaom')
(2, 'Anisur Rahman', 'Rehena begum')
(3, 'Moshia', 'kanaom')
```

Update Operation:

```
import mysql.connector as mysql
db = mysql.connect(
    host = "localhost",
    user = "root",
    passwd = "",
    database = "moon"
)
cursor = db.cursor()
query = "UPDATE identity SET father = 'Mohammad' WHERE id = 2"
cursor.execute(query)
db.commit()
```

Output:-

runfile('C:/Users/Admin/Documents/Python/update.py', wdir='C:/Users/Admin/Documents/Python')

The screenshot shows a database management tool interface. On the left is a tree view of the database structure. The main panel on the right displays a table named 'identity' with 3 rows. Above the table, a message states: 'Showing rows 0 - 2 (3 total, Query took 0.0011 seconds.)' and the SQL query 'SELECT * FROM `identity`' is shown. Below the table, there are controls for 'Show all', 'Number of rows' (set to 25), and 'Filter rows' (with a search box). The table data is as follows:

id	father	mother
1	Moshiar Rahman	Rehena kanaom
2	Mohammad	Rehena begum
3	Moshia	kanaom

