

Practices for Lesson 6: Connecting to Data Sources

Practices for Lesson 6

Overview

In these practices, you will learn to connect to MySQL Database, insert and fetch data from the MySQL Database.

Practice of 6-2: Insert and Fetch data from MySQL Database

Overview

In this practice, you will learn how to Insert and Fetch the data from MySQL Database.

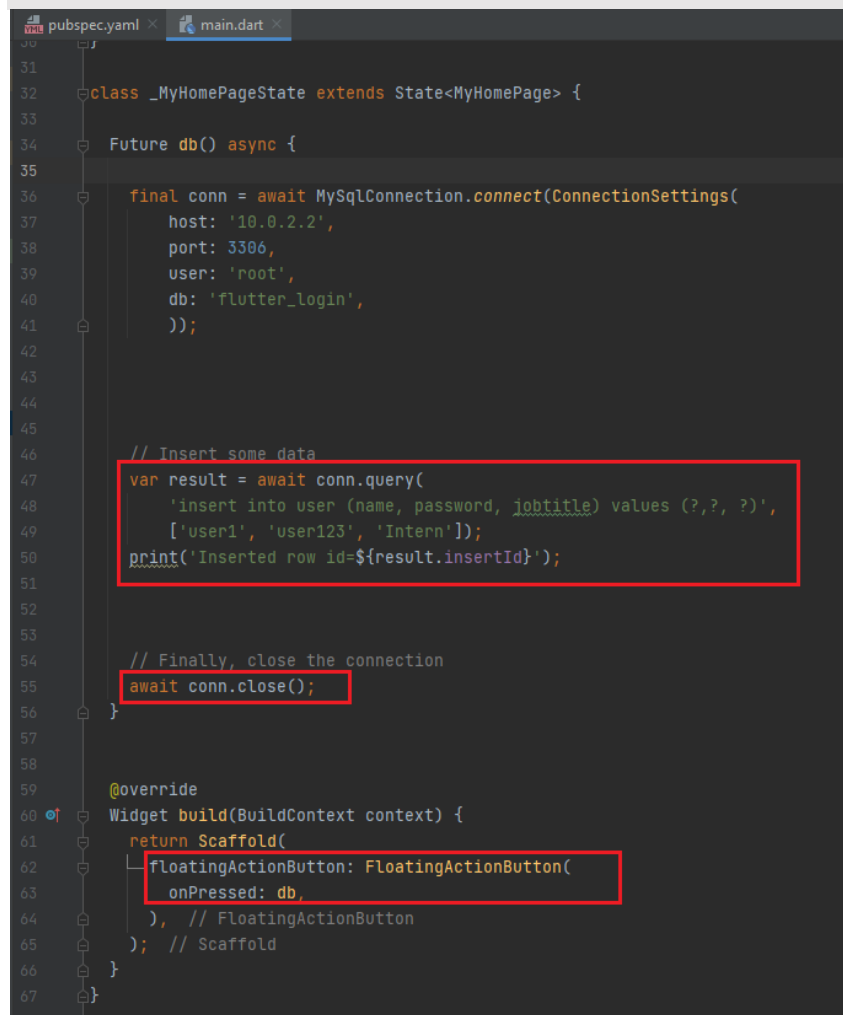
Assumptions

You should have completed the Practice 6-1.

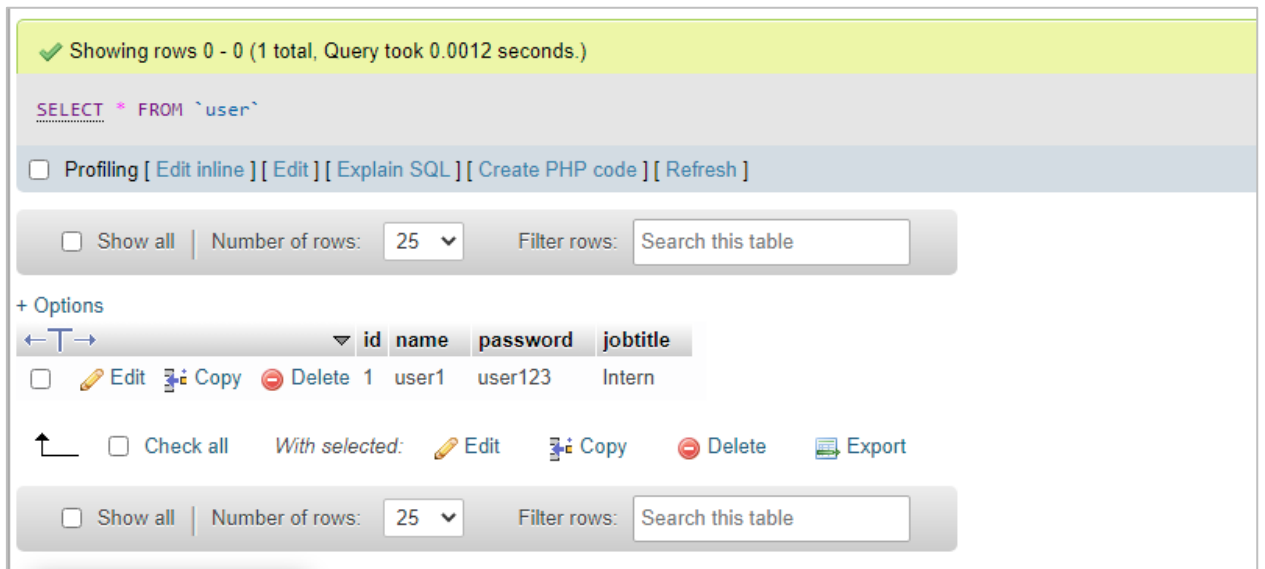
Tasks

1. Open **main.dart** file and paste the below code in **main.dart** file to insert data into **flutter_login** database as shown below.

```
var result = await conn.query(  
    'insert into user (name, password, jobtitle) values (?, ?,  
    ?)',  
    ['user1', 'user123', 'Intern']);
```



2. Execute and verify the output as shown below.



3. Paste the below code in **main.dart** file to fetch data from **flutter_login** database using a button.

```
var userId = 1;
var results = await conn.query('select name, jobtitle from user
where id = ?', [userId]);
setState(() {
```

```

    data = results.toString();
  });

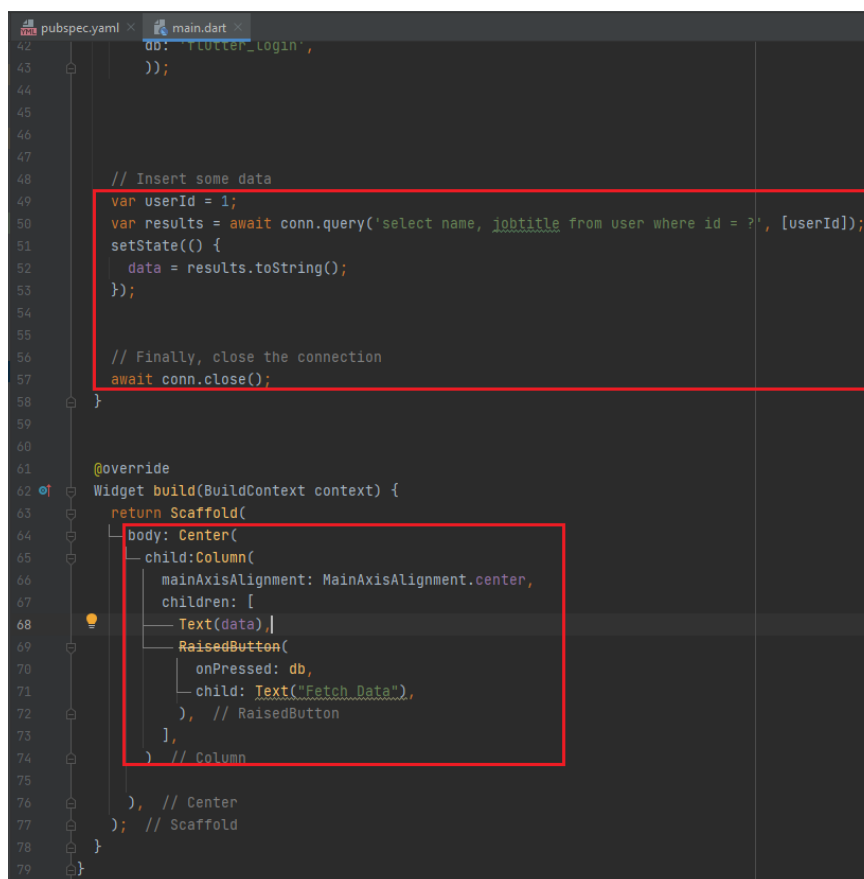
  await conn.close();

```

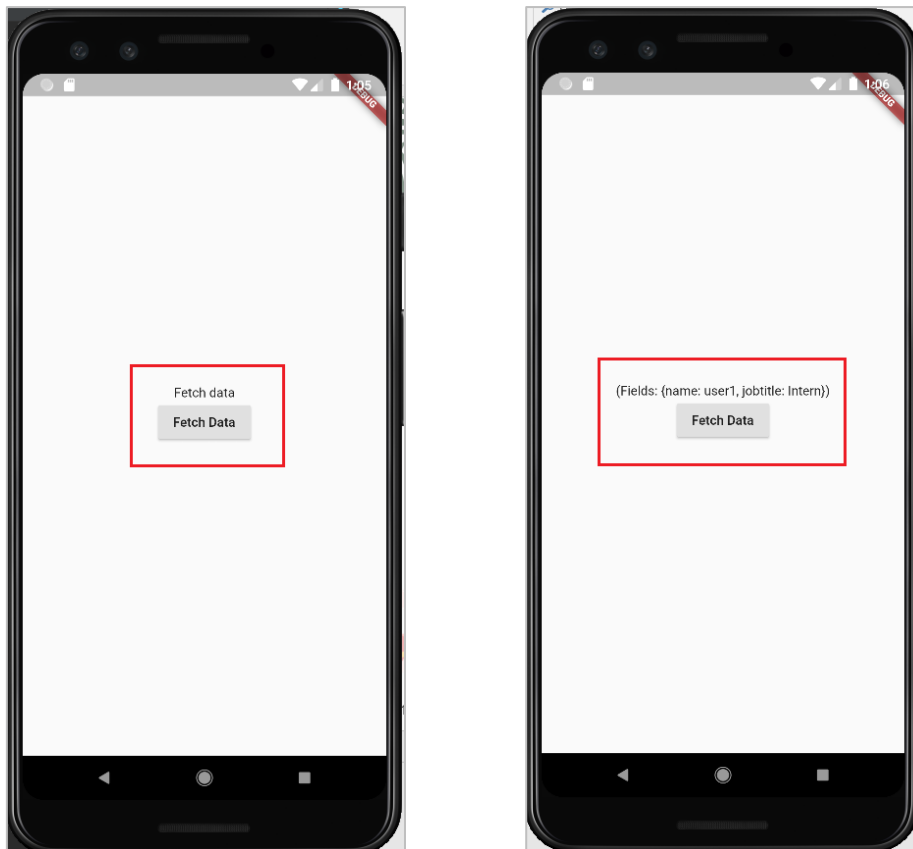
```

child: Column(
  mainAxisAlignment: MainAxisAlignment.center,
  children: [
    Text(data),
    RaisedButton(
      onPressed: db,
      child: Text("Fetch Data"),
    ),
  ],
)

```



4. Execute and verify the output as shown below.



5. Keep the Android Studio and Emulator open for the next practice.