**Python Flask Exercise:**  
1. Explore Python flask app and different types of API methods (GET, POST, PUT , DELETE) - CRUD Operations

2. Explore how to connect postgres DB with flask app in local.

3. Explore **POSTMAN**  and install POSTMAN locally.

4. Write a simple flask API with **GET** method with 2 parameters **a** and **b** and return their sum as result in the local browser.

5. Write a simple flask API with **POST** method that computes the net amount of a bank account.

Sample API Input :

{

"net\_amount": 5000,

"mode: "deposit/widraw",

"amount": 1000

}

Based on input transaction mode print current amount present in bank balance

6. Explore concept **SQLAlchemy**

7. Write simple GET, POST , PUT, DELETE API’s ( To add employee details, get employee details, update emp details, delete employee details). Connect your flask app with local postgres DB using Flask and SQLAlchemy.

Note : Call apis from postman.

8. Explore concepts **DECORATORS** and **Exception handling** in python flask app.

9. Write simple GET, POST , PUT, DELETE API’s. ( To add employees, get employee details, update emp details, delete employee details). (similar to exercise no 6)

Then,

1. Use decorators in your api functions.

2. Use exception handling in your program logic.Provide wrong input and display exception msg.