Practical-9: Connect Python to the MySQL database

1. Write a python code to establish connection with MySQL and create database demo_data. Also display list of all the available database.
2. Write a python code to create below specified two tables 'hospital_details' and 'doctor_details' and insert values as mentioned below.

hospital_details		
Hospital_Id	**Hospital_Name**	**Bed_count**
1	Janta	200
2	Zydus	500
3	Sal	1000
4	Stirling	1500

doctor_details					
Doctor_Id	**Doctor_Name**	**Hospital_Id**	**Speciality**	**Salary**	**Experienve**
101	Karan	1	Pediatric	40000	0
102	Naresh	1	Onchologist	80000	5
103	Hardik	2	Surgen	60000	2
104	Vishal	2	Homeopathy	50000	1
105	Jay	3	Aayurvedic	40000	0
106	Deep	3	Physeotherapist	70000	4
107	Divyesh	4	Pediatric	55000	3
108	Arjun	4	Scin	55000	3

3. Write a python code to retrieve all the details of doctors.
4. Write a python code to retrieve all the doctors who are in Janta hospital.
5. Write a python code to update experience of doctors.
6. Write a python code to drop table 'hospital_details'.
7. Write a python code to create in memory database and table using sqlite database engine.
8. Establish connection with sqlite database engine and create above tables into database demo. Show demonstration of execute script to execute multiple queries at a time.