Homework # 1

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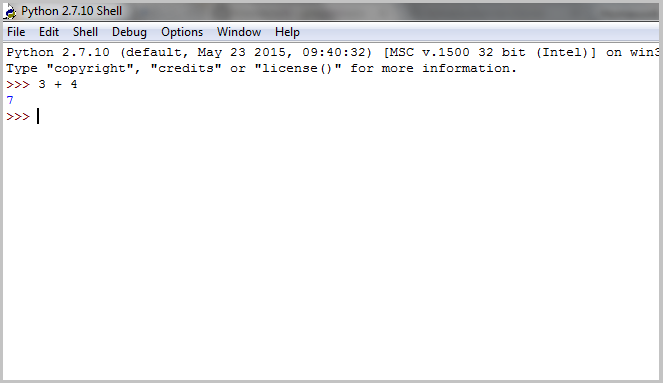
Advance Database

Fall 2015

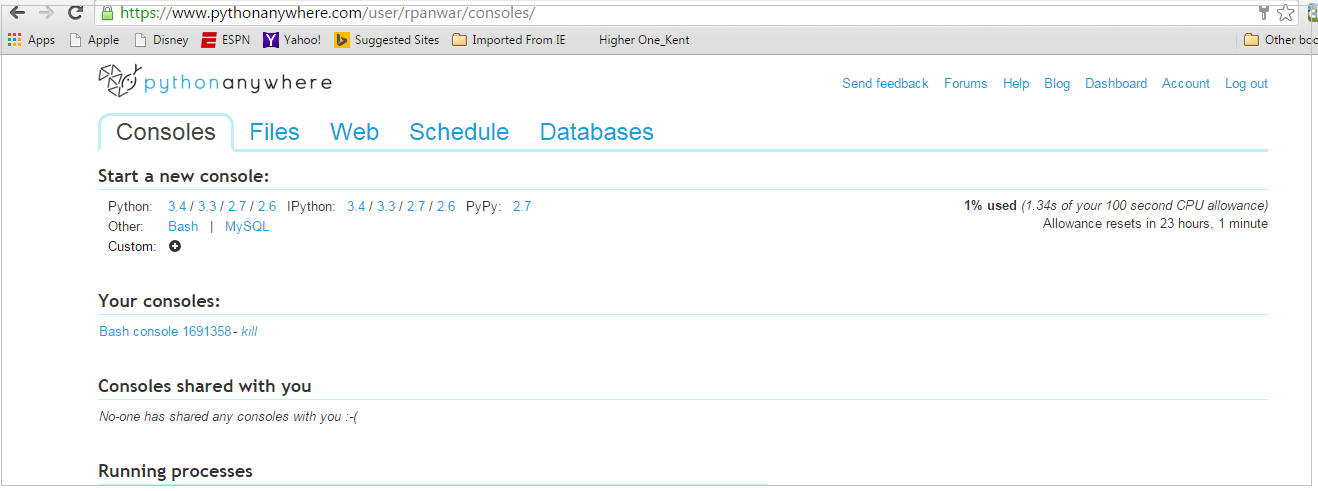
Professor: Dr. Gregory S DeLozier

Sept 10, 2015

**1**. Get Python set up on your computer.



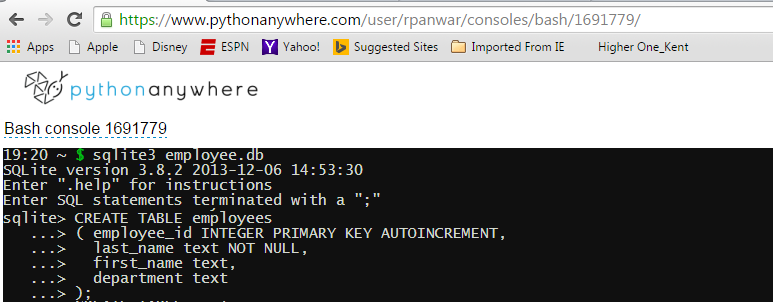
**2**. Get your PythonAnywhere account set up.



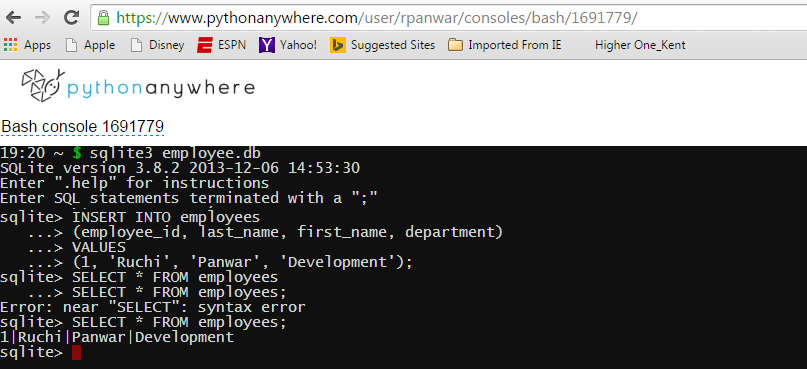
PythonAnywhere Link - <https://www.pythonanywhere.com/user/rpanwar/consoles/>

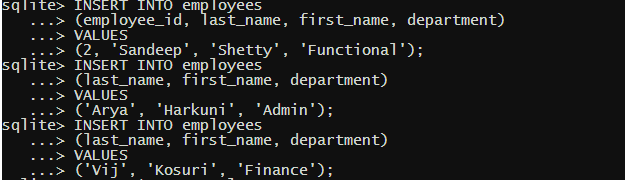
**3**.SQLite Tutorial Practicing - PythonAnywhere

3. 1 Create a table - employees

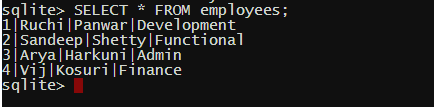


3. 2 Insert Data into a table (with or without the primary key - it's an integer so it will pop automatically)

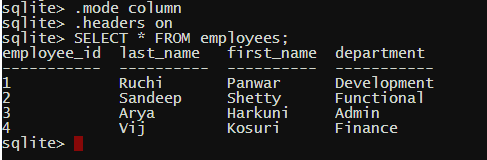




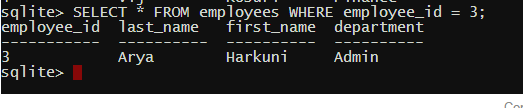
3. 3 Select data from the table employees



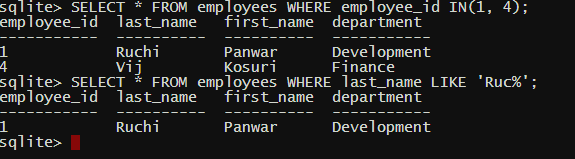
Change the output mode



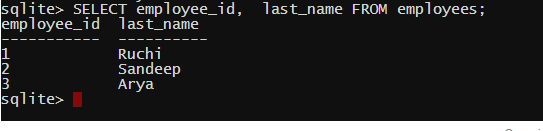
Select using Where condition



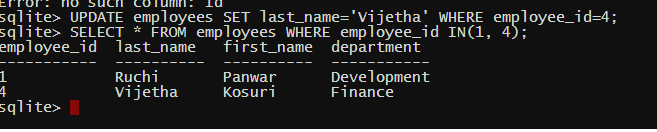
Select entries using IN and LIKE operators



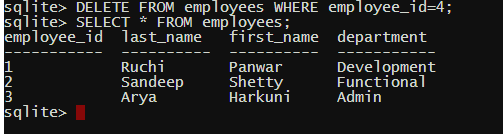
Select desired columns from the table



. 3. 4 Update/Modify data into the table - Changed the last name for employee\_id = 4 (from Vij to vijetha)

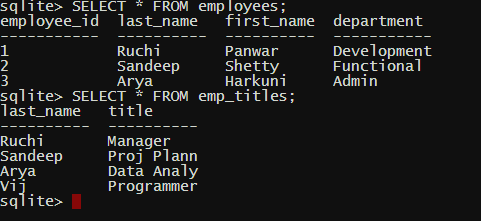


3. 5 Delete data from the table employees where employee\_id = 4

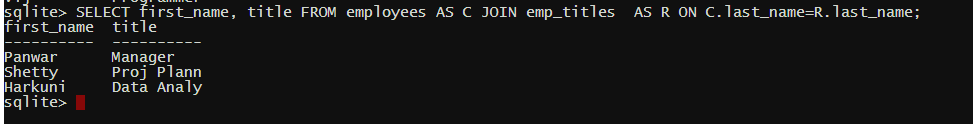


3. 6 Joins

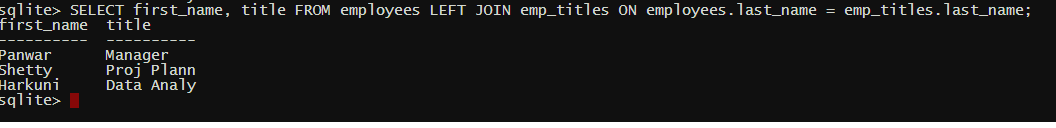
we have two tables employees and emp\_titles as follows



Inner Join

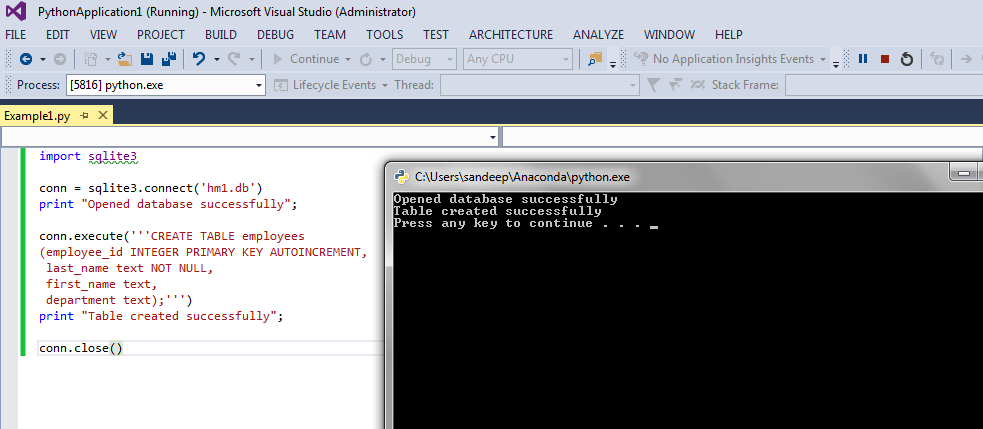


Left Outer join

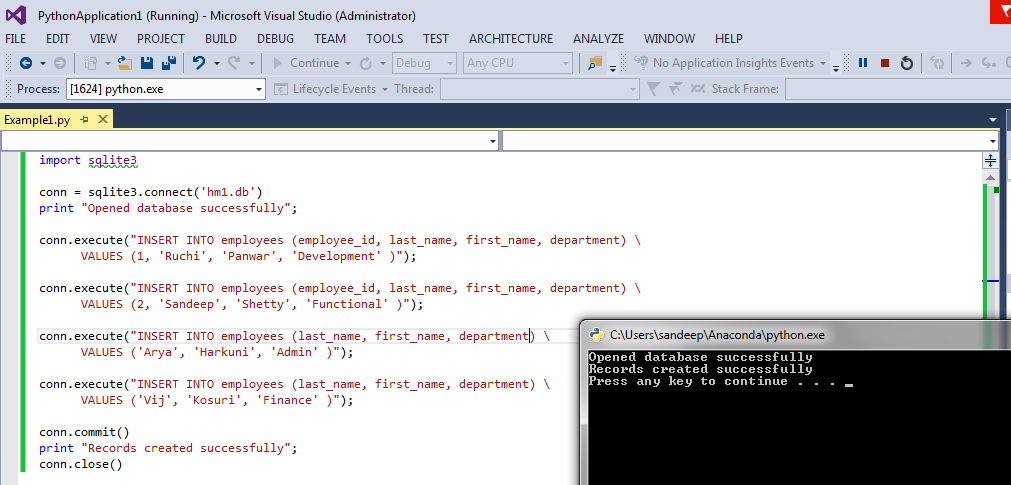


**4**.SQLite Tutorial Practicing - Python(Visual Studio)

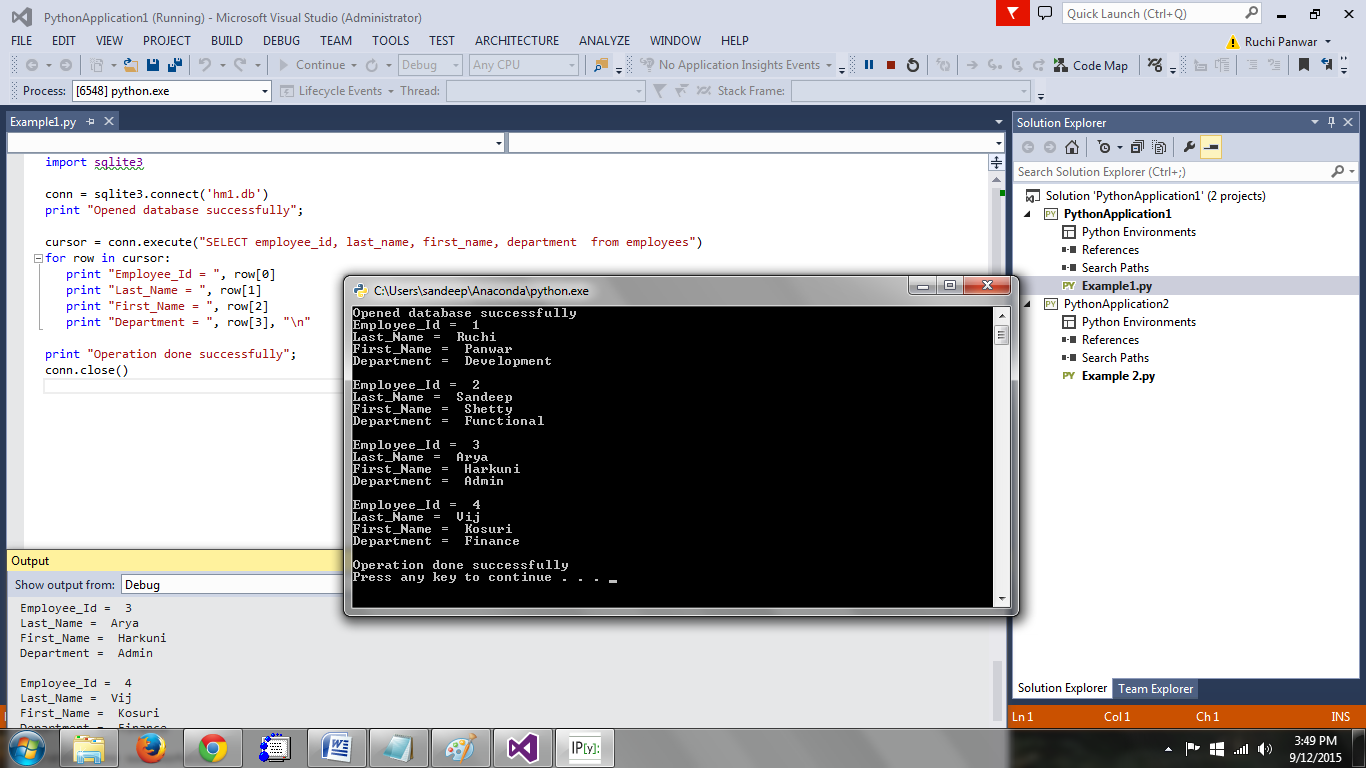
4. 1 Create a table - employees



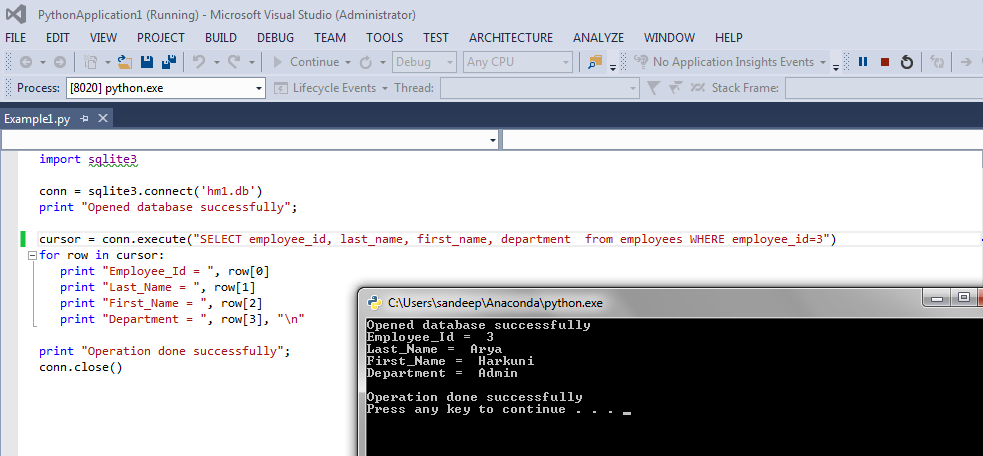
4. 2 Insert Data into a table (with or without the primary key - it's an integer so it will pop automatically)



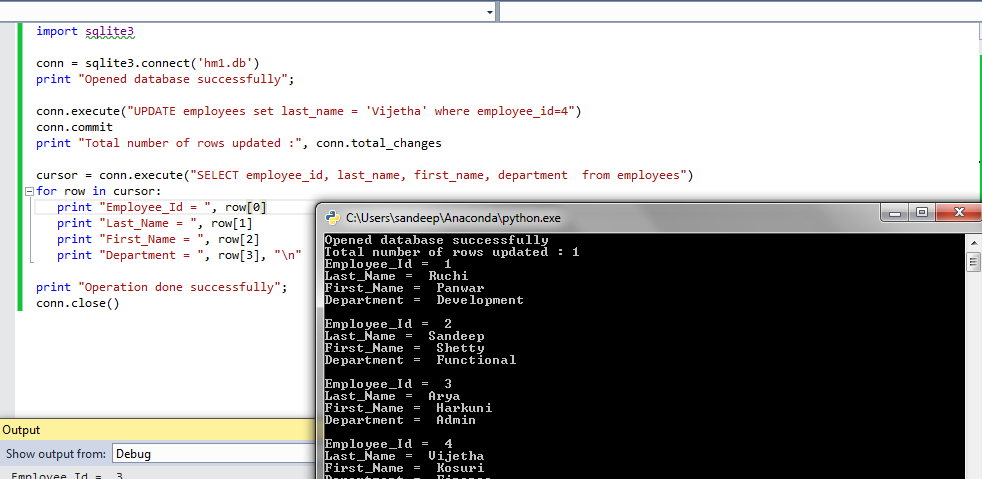
4. 3 Select data from the table employees



Select using Where condition



4. 4 Update/Modify data into the table - Changed the last name for employee\_id = 4 (from Vij to vijetha)



4. 5 Delete data from the table employees where employee\_id = 4

