

L D College of Engineering, Ahmedabad

Department of Information Technology

Academic Year :- 2021-22



GTU B.E. 7th Semester

3170001- Summer Internship

Subject / Topic : Python(Django)

Day 2 :-

What I learned ? :

- In today's session we get introduced to python variables, comments, and various data types and its methods.
- I learned mainly three ways to write down comments in python.
 1. Using (#)
 2. Using (')
 3. Using (""')
- Then we perform a task related to comments to make concept more clear practically.
- Then we learned how to name and declare variable that is used to store data in memory.
- Then we learned how to assign multiple variable and single value to multiple variable in single and perform task related to this.
- Then we get to know about standard data types of python programming language.
- We get small introduction and simple programs of all these datatypes.
- Some of these data types are very important in day to day life of any python developer like List, Tuple, Dictionary.
- Then we learned how to take an input from user with for loop and list method (list.append(element))
- Then we learned various methods of tuple data type of python like wise we perform practicals of dictionary and its methods

Task: Python CRUD Operation using mysql.

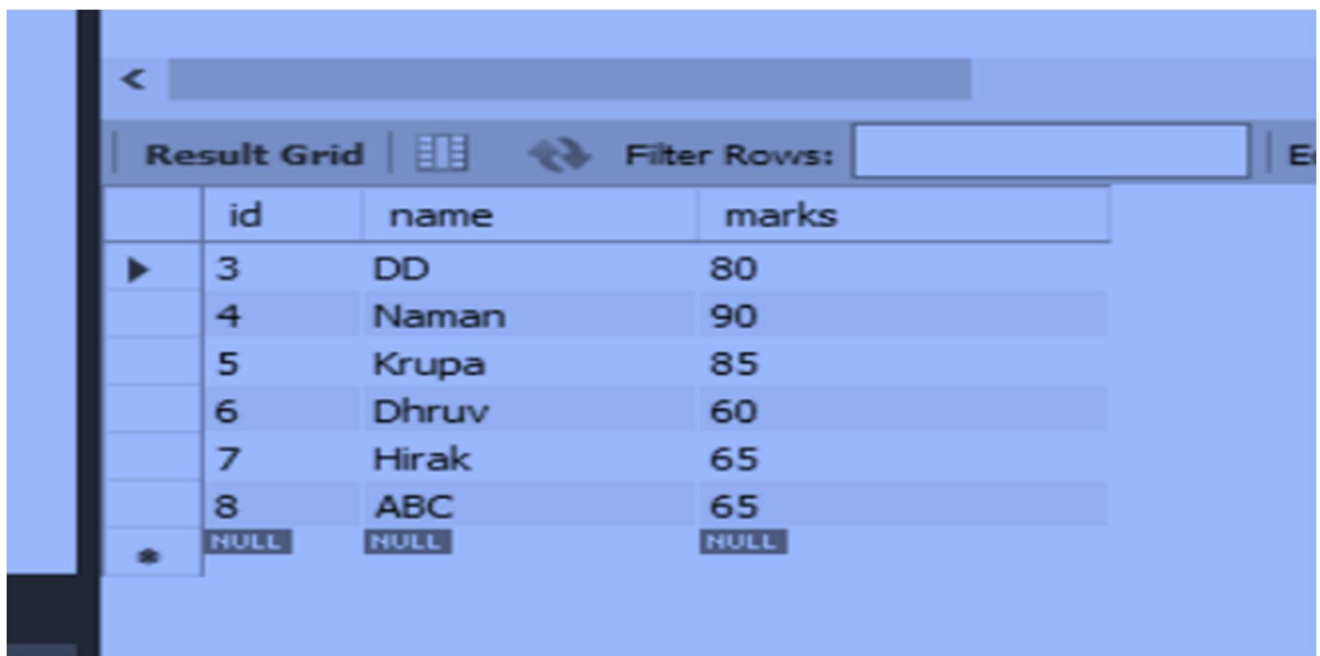
- I used mysql-connector-python library to accomplish this given task.

Link: <https://github.com/prakharninja0927/akash-internship-tasks/tree/main/task%202>

```
C:\Users\patel\Desktop\AkashTech\task 2>python crud.py
DB already exists
table already exists
choose option
1.insert data
2.read data
3.update data
4.delete data
enter your choice:1
-----We are inserting data-----
enter name:ABC
enter marks:65
insert into student(name,marks) values('ABC',65);

C:\Users\patel\Desktop\AkashTech\task 2>python crud.py
DB already exists
table already exists
choose option
1.insert data
2.read data
3.update data
4.delete data
enter your choice:2
-----retrive data-----
id name marks
3 DD 80
4 Naman 90
5 Krupa 85
6 Dhruv 60
7 Hirak 65
8 ABC 65

C:\Users\patel\Desktop\AkashTech\task 2>python crud.py
```



The screenshot shows a database application interface with a 'Result Grid' tab selected. The grid displays a table with four columns: 'id', 'name', and 'marks'. The data rows are as follows:

	id	name	marks
▶	3	DD	80
	4	Naman	90
	5	Krupa	85
	6	Dhruv	60
	7	Hirak	65
	8	ABC	65
✱	NULL	NULL	NULL