



DATABASE SYSTEM LABS

- BASIC SQL II

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OBJECTIVES

- DDL
 - Create table, Alter table, Drop table
- DML
 - Insert, Retrieve ,Update, Delete

DDL

- Write a SQL script and execute it repeatedly
 - Create a table: department01
 - Deptname (primary key), Location
 - Create a table: student01
 - ID(primary key), Name, Birthplace
 - Add a new attribute for student01: Deptname
 - Specify the new attribute to reference to department01 table
 - Add five students into student01, and these students belong to different department
 - Drop department01 table

DML

- Import all students from student table into student01 table
- Retrieve name and deptname from student01 table
- Modify Birthplace value of student01 to 'Unknown', and Retrieve again
- Delete all students of "Comp. Sci." department, and Retrieve again

PYTHON2

- `$ cat qrywithargumentstring.py`
- `#!/usr/bin/python`
- `import MySQLdb`
- `db = MySQLdb.connect("localhost","myuser","mypwd","dbsclab2018")`
- `sql= 'SELECT name,dept_name,salary from instructor where dept_name like %s'`
- `cursor = db.cursor()`
- `cursor.execute(sql,('C%',))`
- `data = cursor.fetchall()`
- `for row in data:`
 - `print row[0], row[1], row[2]`
- `db.close()`



THANKS!

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