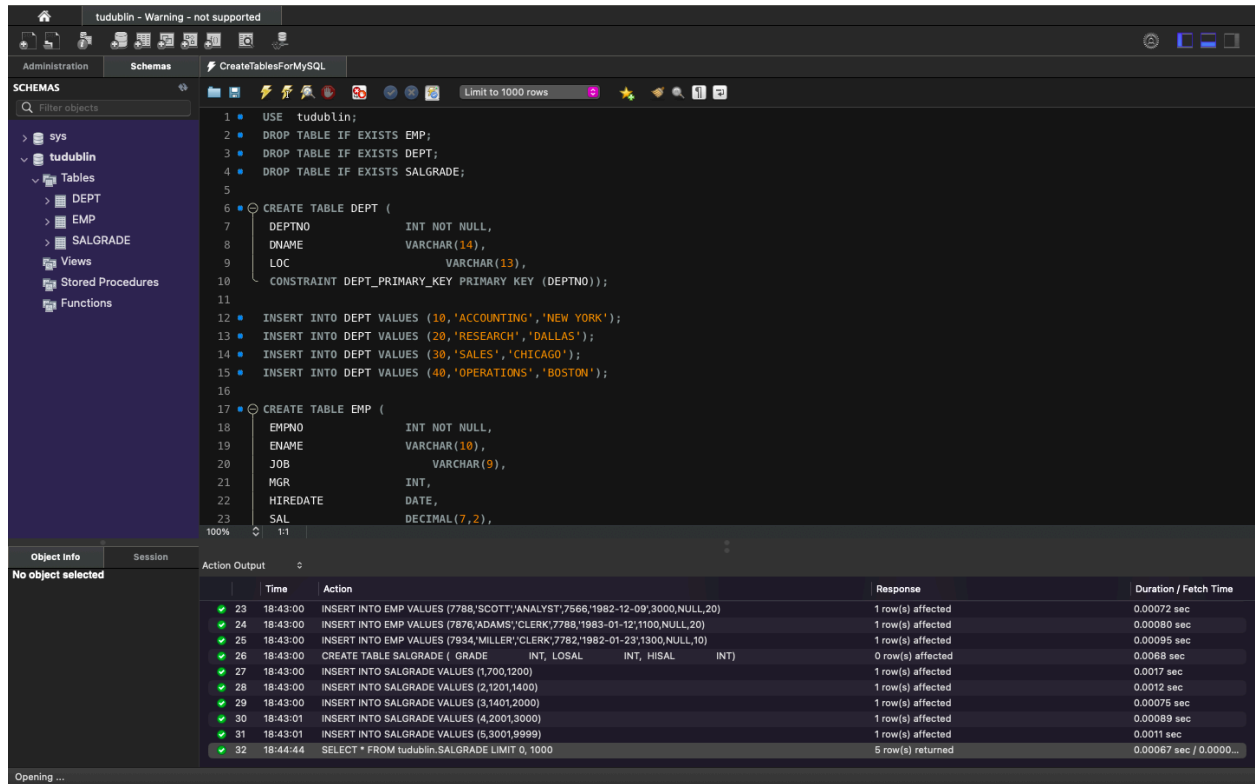


Database Lab 1

Getting Started with MySQL



The screenshot displays a MySQL IDE interface with a dark theme. The top toolbar includes icons for file operations and a warning message: "tudublin - Warning - not supported". The left sidebar shows the "SCHEMAS" tree with a search filter and a list of objects: sys, tudublin (containing Tables: DEPT, EMP, SALGRADE; Views; Stored Procedures; Functions). The main editor window, titled "CreateTablesForMySQL", contains a SQL script with line numbers 1 through 32. The script includes database selection, table dropping, table creation for DEPT and EMP, data insertion, and a final SELECT query. The bottom panel, "Action Output", shows a table of execution results with columns for Time, Action, Response, and Duration / Fetch Time. The results show successful execution of various SQL statements, including INSERT and CREATE, with durations in seconds.

```
1 USE tudublin;
2 DROP TABLE IF EXISTS EMP;
3 DROP TABLE IF EXISTS DEPT;
4 DROP TABLE IF EXISTS SALGRADE;
5
6 CREATE TABLE DEPT (
7     DEPTNO      INT NOT NULL,
8     DNAME       VARCHAR(14),
9     LOC        VARCHAR(13),
10    CONSTRAINT DEPT_PRIMARY_KEY PRIMARY KEY (DEPTNO));
11
12 INSERT INTO DEPT VALUES (10,'ACCOUNTING','NEW YORK');
13 INSERT INTO DEPT VALUES (20,'RESEARCH','DALLAS');
14 INSERT INTO DEPT VALUES (30,'SALES','CHICAGO');
15 INSERT INTO DEPT VALUES (40,'OPERATIONS','BOSTON');
16
17 CREATE TABLE EMP (
18     EMPNO      INT NOT NULL,
19     ENAME      VARCHAR(10),
20     JOB        VARCHAR(9),
21     MGR        INT,
22     HIREDATE   DATE,
23     SAL        DECIMAL(7,2),
24     PRIMARY KEY (EMPNO));
25
26 INSERT INTO EMP VALUES (7788,'SCOTT','ANALYST',7566,'1982-12-09',3000,NULL,20);
27 INSERT INTO EMP VALUES (7876,'ADAMS','CLERK',7788,'1983-01-12',1100,NULL,20);
28 INSERT INTO EMP VALUES (7934,'MILLER','CLERK',7782,'1982-01-23',1300,NULL,10);
29
30 CREATE TABLE SALGRADE ( GRADE      INT, LOSAL      INT, HISAL      INT);
31 INSERT INTO SALGRADE VALUES (1,700,1200);
32 INSERT INTO SALGRADE VALUES (2,1201,1400);
33 INSERT INTO SALGRADE VALUES (3,1401,2000);
34 INSERT INTO SALGRADE VALUES (4,2001,3000);
35 INSERT INTO SALGRADE VALUES (5,3001,9999);
36
37 SELECT * FROM tudublin.SALGRADE LIMIT 0, 1000;
```

	Time	Action	Response	Duration / Fetch Time
23	18:43:00	INSERT INTO EMP VALUES (7788,'SCOTT','ANALYST',7566,'1982-12-09',3000,NULL,20)	1 row(s) affected	0.00072 sec
24	18:43:00	INSERT INTO EMP VALUES (7876,'ADAMS','CLERK',7788,'1983-01-12',1100,NULL,20)	1 row(s) affected	0.00080 sec
25	18:43:00	INSERT INTO EMP VALUES (7934,'MILLER','CLERK',7782,'1982-01-23',1300,NULL,10)	1 row(s) affected	0.00095 sec
26	18:43:00	CREATE TABLE SALGRADE (GRADE INT, LOSAL INT, HISAL INT)	0 row(s) affected	0.0068 sec
27	18:43:00	INSERT INTO SALGRADE VALUES (1,700,1200)	1 row(s) affected	0.0017 sec
28	18:43:00	INSERT INTO SALGRADE VALUES (2,1201,1400)	1 row(s) affected	0.0012 sec
29	18:43:00	INSERT INTO SALGRADE VALUES (3,1401,2000)	1 row(s) affected	0.00076 sec
30	18:43:01	INSERT INTO SALGRADE VALUES (4,2001,3000)	1 row(s) affected	0.00089 sec
31	18:43:01	INSERT INTO SALGRADE VALUES (5,3001,9999)	1 row(s) affected	0.0011 sec
32	18:44:44	SELECT * FROM tudublin.SALGRADE LIMIT 0, 1000	5 row(s) returned	0.00067 sec / 0.0000...