CREATE TABLE DEPARTMENT(Dno int,Dname varchar(50)DEFAULT 'NULL',Loc

varchar(50) DEFAULT 'New Delhi',PRIMARY KEY(Dno));

INSERT INTO DEPARTMENT VALUES(10,'ACCOUNTING','NEW YORK'),

(20,'RESEARCH','DALLAS'),(30,'SALES','CHICAGO'),(40,'OPERATIONS','BOSTON');

SELECT \* FROM DEPARTMENT;

CREATE TABLE DEPARTMENT(Dno int,Dname varchar(50)DEFAULT 'NULL',Loc

varchar(50) DEFAULT 'New Delhi',PRIMARY KEY(Dno));

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(20,'RESEARCH','DALLAS'),(30,'SALES','CHICAGO'),(40,'OPERATIONS','BOSTON');

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(20,'RESEARCH','DALLAS'),(30,'SALES','CHICAGO'),(40,'OPERATIONS','BOSTON');

SELECT \* FROM DEPARTMENT;

CREATE TABLE DEPARTMENT(Dno int, Dname varchar(50) DEFAULT 'NULL', Loc varchar(50) DEFAULT 'New Delhi', PRIMARY KEY(Dno));

INSERT INTO DEPARTMENT VALUES(10,'ACCOUNTING','NEW YORK'),(20,'RESEARCH','DALLAS'),(30,'SALES','CHICAGO'),(40,'OPERATIONS','BOSTON');

CREATE TABLE EMPLOYEE

(

Eno char(4) NOT NULL,

Ename varchar(50) NOT NULL,

Job\_type varchar(50) NOT NULL,

Manager char(4) DEFAULT NULL,

Hire\_date date NOT NULL,

Dno int(11) DEFAULT NULL,

Commission decimal(10,2) DEFAULT NULL,

Salary decimal(7,2) NOT NULL,

PRIMARY KEY (Eno),

CONSTRAINT Dno FOREIGN KEY (Dno) REFERENCES DEPARTMENT (Dno),

CONSTRAINT Manager FOREIGN KEY (Manager) REFERENCES EMPLOYEE (Eno)

);

CREATE TABLE EMPLOYEE ( Eno char(4) NOT NULL,

Ename varchar(50) NOT NULL,

Job\_type varchar(50) NOT NULL,

Manager char(4) DEFAULT NULL,

Hire\_date date NOT NULL,

Dno int(11) DEFAULT NULL,

Commission decimal(10,2) DEFAULT NULL,

Salary decimal(7,2) NOT NULL,

PRIMARY KEY (Eno),

FOREIGN KEY (Dno) REFERENCES DEPARTMENT (Dno),

FOREIGN KEY (Manager) REFERENCES EMPLOYEE (Eno));

INSERT INTO EMPLOYEE VALUES

('7369','Smith','Clerk','7902','1980-12-17',20,0.00,800.00),

('7499','Allen','Sales\_man','7698','1981-02-20',30,300.00,1600.00),

('7521','Ward','Sales\_man','7698','1981-02-22',30,500.00,1250.00),

('7566','Jones','Manager','7839','1981-04-02',20,0.00,2975.00),

('7654','Martin','Sales\_man','7698','1981-04-22',30,1400.00,1250.00),

('7698','Blake','Manager','7839','1981-05-01',30,0.00,2850.00),

('7782','Clark','Manager','7839','1981-06-09',10,0.00,2450.00),

('7788','Scott','Analyst','7566','1982-12-09',20,0.00,3000.00),

('7839','King','President',NULL,'1981-11-17',10,0.00,5000.00),

('7844','Turner','Sales\_man','7698','1981-09-08',30,0.00,1500.00),

('7876','Adams','Clerk','7788','1983-01-12',20,0.00,1100.00),

('7900','James','Clerk','7698','1981-12-03',30,0.00,950.00),

('7902','Ford','Analyst','7566','1981-12-03',20,0.00,3000.00),

('7934','Miller','Clerk','7782','1982-01-23',10,0.00,1300.00);

INSERT INTO EMPLOYEE VALUES ('7369','Smith','Clerk','7902','1980-12-17',20,0.00,800.00),

('7499','Allen','Sales\_man','7698','1981-02-20',30,300.00,1600.00),

('7521','Ward','Sales\_man','7698','1981-02-22',30,500.00,1250.00),

('7566','Jones','Manager','7839','1981-04-02',20,0.00,2975.00),

('7654','Martin','Sales\_man','7698','1981-04-22',30,1400.00,1250.00),

('7698','Blake','Manager','7839','1981-05-01',30,0.00,2850.00),

('7782','Clark','Manager','7839','1981-06-09',10,0.00,2450.00),

('7788','Scott','Analyst','7566','1982-12-09',20,0.00,3000.00),

('7839','King','President',NULL,'1981-11-17',10,0.00,5000.00),

('7844','Turner','Sales\_man','7698','1981-09-08',30,0.00,1500.00),

('7876','Adams','Clerk','7788','1983-01-12',20,0.00,1100.00),

('7900','James','Clerk','7698','1981-12-03',30,0.00,950.00),

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('7369','Smith','Clerk','7902','1980-12-17',20,0.00,800.00),

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('7698','Blake','Manager','7839','1981-05-01',30,0.00,2850.00),

('7782','Clark','Manager','7839','1981-06-09',10,0.00,2450.00),

('7788','Scott','Analyst','7566','1982-12-09',20,0.00,3000.00),

('7839','King','President',NULL,'1981-11-17',10,0.00,5000.00),

('7844','Turner','Sales\_man','7698','1981-09-08',30,0.00,1500.00),

('7876','Adams','Clerk','7788','1983-01-12',20,0.00,1100.00),

('7900','James','Clerk','7698','1981-12-03',30,0.00,950.00),

('7902','Ford','Analyst','7566','1981-12-03',20,0.00,3000.00),

('7934','Miller','Clerk','7782','1982-01-23',10,0.00,1300.00);

Perform the following queries on the above tables:

1. Check the schema of Department Table.
2. Check the schema of Employee table.
3. See the record of Department Table.
4. See the record of Employee table.
5. Query to display Employee Name, Job, Hire Date, Employee Number; for each employee with the Employee Number appearing first.
6. Query to display unique Jobs from the Employee Table.
7. Query to display the Employee Name concatenated by a Job separated by a comma.

SELECT CONCAT(Ename , ',' , Job\_type) AS Name\_Job FROM EMPLOYEE;

1. Query to display all the data from the Employee Table. Separate each Column by a comma and name the said column as THE\_OUTPUT.

SELECT CONCAT(Eno , ', ', Ename, ',', Job\_type, ', ',Manager, ',' ,Hire\_date, ',' ,Dno, ',' ,Commission, ',' ,Salary) AS THE\_OUTPUT FROM EMPLOYEE;

1. Query to display the Employee Name and Salary of all the employees earning more than $2850.

Query to display Employee Name, Job, Hire Date, Employee Number; for each

employee with the Employee Number appearing first.

Query to display the Employee Name and Salary of all the employees earning

more than $2850.