Syeda Kazmi-Shah

Databases and Datamining

CREATE TABLE Course (courseNum INT, department varchar(30), semester varchar(30), maximumEnrolled INT, PRIMARY KEY (courseNum));

CREATE TABLE Instructor (ssn INT NOT NULL, instructorid INT NOT NULL, firstName varchar(30), lastName varchar(30), PRIMARY KEY(ssn), FOREIGN KEY (courseNum) REFERENCES Course(courseNum));

INSERT INTO Course VALUES (123, ‘Mathematics’, ‘Spring’, 32);

INSERT INTO Course VALUES (321, ‘Health’, ‘Fall’, 34 );

INSERT INTO Instructor (098887867, 23301057, ‘Manzala’, ‘Kazmi’);

INSERT INTO Instructor (134544389, 23039567, ‘Aaron’, ‘Brown’);

* 1-  Display details of jobs where the minimum salary is greater than 10000.
* 2-  Display the first name and join date of the employees who joined between 2002 and  2005.
* 3-  Display first name and join date of the employees who is either IT Programmer or Sales  Man.
* 4-  Display details of employee with ID 150 or 160.

1. SELECT \* FROM JOBS WHERE MIN\_SALARY > 10000;
2. SELECT FIRST\_NAME, HIREDATE FROM HR.EMPLOYEES WHERE TO\_CHAR(HIRE\_DATE, ‘YYYY’) BETWEEN 2002 AND 2005 ORDER BY HIRE\_DATE;
3. SELECT FIRST\_NAME, HIRE\_DATE FROM HR.EMPLOYEES WHERE JOB\_ID IN ('IT\_PROG', 'SA\_MAN');
4. SELECT \* FROM HR.EMPLOYEES WHERE EMPLOYEE\_ID IN (150,160);



