CREATE TABLE EMPLOYEE\_DETAILS

(EMPID NUMBER(6), EMP\_NAME VARCHAR2(30), JOB\_NAME VARCHAR2(15), MANAGER\_ID NUMBER(6), HIRE\_DATE DATE, SALARY NUMBER(8,2), COMMISSION NUMBER(6,2), DEPT\_ID NUMBER(4));

INSERT INTO EMPLOYEE\_DETAILS VALUES(68319, 'KAYLING', 'PRESIDENT', NULL, '18-NOV-1991', 6000.00, NULL, 1001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(66928, 'BLAZE', 'MANAGER', 68319, '01-MAY-1991', 2750.00, NULL, 3001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(67832, 'CLARE', 'MANAGER', 68319, '09-JUN-1991', 2550.00, NULL, 1001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(65646, 'JONAS', 'MANAGER', 68319, '02-APR-1991', 2957.00, NULL, 2001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(67858, 'SCARLET', 'ANALYST', 65646, '10-APR-1997', 3100.00, NULL, 2001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(69062, 'FRANK', 'ANALYST', 65646, '03-DEC-1991', 3100.00, NULL, 2001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(63679, 'SANDRINE', 'CLERK', 69062, '18-DEC-1990', 900.00, NULL, 2001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(64989, 'ADELYN', 'SALESMAN', 66928, '20-FEB-1991', 1700.00, 400.00, 3001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(65271, 'WADE', 'SALESMAN', 66928, '22-FEB-1991', 1350.00, 600.00, 3001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(66564, 'MADDEN', 'SALESMAN', 66928, '29-SEP-1991', 1350.00, 1500.00, 3001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(68454, 'TUCKER', 'SALESMAN', 66928, '08-SEP-1991', 1600.00, 0.00, 3001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(68736, 'ADNRES', 'CLERK', 67858, '23-MAY-1997', 1200.00, NULL, 2001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(69000, 'JULIUS', 'CLERK', 66928, '03-DEC-1991', 1050.00, NULL, 3001);

INSERT INTO EMPLOYEE\_DETAILS VALUES(69324, 'MARKER', 'CLERK', 67832, '23-JAN-1992', 1400.00, NULL, 1001);

-- 1

SELECT EMP\_NAME, HIRE\_DATE, TO\_CHAR(HIRE\_DATE, 'Month DD, YYYY') AS formatted\_hire\_date

FROM EMPLOYEE\_DETAILS;

-- 2.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE EXTRACT(YEAR FROM HIRE\_DATE) < 1991;

-- 3.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE COMMISSION > SALARY;

-- 4.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE EXTRACT(MONTH FROM HIRE\_DATE) = 1;

-- 5.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE EXTRACT(YEAR FROM HIRE\_DATE) = 1991;

-- 6.

SELECT EMP\_NAME, EMPID, HIRE\_DATE, SALARY

FROM EMPLOYEE\_DETAILS

WHERE HIRE\_DATE < TO\_DATE('1991-04-01', 'YYYY-MM-DD');

-- 7.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE HIRE\_DATE + INTERVAL '8' YEAR > TO\_DATE('1999-12-31', 'YYYY-MM-DD');

-- 8.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE MOD(SALARY, 2) != 0;

-- 9.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE LENGTH(TO\_CHAR(SALARY)) = 5;

-- 10.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE EXTRACT(MONTH FROM HIRE\_DATE) = 4;

-- 11.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE EXTRACT(DAY FROM HIRE\_DATE) < 19;

-- 12.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE DEPT\_ID IN (3001, 1001) AND EXTRACT(YEAR FROM HIRE\_DATE) = 1991;

-- 13.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE EXTRACT(MONTH FROM HIRE\_DATE) != 2;

-- 14.

SELECT \*

FROM EMPLOYEE\_DETAILS

WHERE HIRE\_DATE IN (TO\_DATE('1991-05-01', 'YYYY-MM-DD'), TO\_DATE('1991-02-20', 'YYYY-MM-DD'), TO\_DATE('1991-12-03', 'YYYY-MM-DD'));