Princess Sumaya University for Technology
King Hussein Faculty of Computing Sciences
Computer Science Department

DataBase Lab
CS 11354
Spring Semester: 2022/2023
Lab Assignment # 3

Lab Exercises:
(**People** table)

1. **List the reg_date of the people in the following format (1991/Feb/19).**
SELECT to_char(REG_DATE, 'YYYY/MM/DD') AS REG_DATE FROM PEOPLE;

2. **List the first name, last name where the reg date is after "01-Jan-2011".**
SELECT FIRST_NAME, LAST_NAME FROM PEOPLE WHERE REG_DATE > to_date('01-Jan-2011');

3. **List the people who registered in the month January.**
SELECT * FROM PEOPLE WHERE EXTRACT(MONTH FROM REG_DATE) IN (1);

4. **Display the city names, and mobile numbers for all people. If the city name is not available then write 'not specified', if the mobile is not stored then write '0000000000'.**
SELECT NVL(CITY, 'not specified') , NVL(MOBILE, '0000000000') FROM PEOPLE;

5. **List all the people information where the year of the registration is between 2000 and 2010.**
SELECT * FROM PEOPLE WHERE REG_DATE BETWEEN to_date('01-JAN-2000') AND to_date('31-DEC-2010');

6. **List the people information where the release month is not 'January' or 'June' or 'September'.**
SELECT * FROM PEOPLE WHERE to_char(REG_DATE, 'MM') != '01' or to_char(REG_DATE, 'MM') != '06' or to_char(REG_DATE, 'MM') != '09';

7. **Find the number of hours since the registration date until now for each people.**
SELECT 24 * (sysdate - REG_DATE) as WorkingHours FROM PEOPLE;

Princess Sumaya University for Technology
King Hussein Faculty of Computing Sciences
Computer Science Department

DataBase Lab
CS 11354
Spring Semester: 2022/2023
Lab Assignment # 3

8. **Find the day name you born in.**

SELECT TO_CHAR(DATE '2000-09-16', 'DAY') AS MohammadBirthDay FROM DUAL;

9. **Write a query to display the date of the first Friday after adding two months to current date.**

SELECT NEXT_DAY(ADD_MONTHS(sysdate, 2), 'FRIDAY') as NextFriday FROM DUAL;

10. **use DECODE statement to display the name as 'Mr.' or 'Ms.' followed by the first name then space then last name from the people table, based on the gender.**

SELECT DECODE(GENDER, 'male', 'Mr',
                    'female', 'Ms'), first_name FROM PEOPLE;