**Q1** •Find how many weeks an employee has worked at the company? Display the result with “Full Name” of the employee as one column value and “Weeks employed” as second column

**SELECT**

**first\_name||' '||last\_name AS FULLNAME,**

**TO\_NUMBER(SYSDATE - hire\_date) / 7 AS WEEKS**

**FROM employees;** **Text

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**Q2** • Most of the Orders in the Order tables are in a 30 day order cycle. Find out the next order date for each order. Display the result with “Order ID” of the order as one column value and “Next Order Date” as second column and “Previous Order Date” as third column

**SELECT**

**order\_id,**

**order\_date + 30 AS "Next Order Date",**

**order\_date AS "Previous Order Date"**

**FROM orders;**

A picture containing text, receipt

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**Q3** • Using Case Manipulation Functions, display all the country names starting with “I” or “I” from Countries table

**SELECT country\_name**

**FROM countries**

**WHERE**

**UPPER(COUNTRY\_NAME) LIKE 'I%';**

Table

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**Q4** • Using round(), trunc(), floor() display the unit price for order\_items table

**SELECT ROUND(unit\_price), TRUNC(unit\_price), FLOOR(unit\_price)**

**FROM order\_items;**

Table

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**Q5** • Using lapd() function display the first 4 characters of the region names from regions table

**SELECT LPAD(region\_name,4)**

**FROM regions;**

Table

Description automatically generated

**Q6** • Using substr(i,n) function display the characters from the third letter in the firstname and lastnames of the employees

**SELECT SUBSTR(first\_name,3) AS FirstName, SUBSTR(last\_name,3) AS LatsName**

**FROM employees;**

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**Q7** • Using NEXT\_DAY(), LAST\_DAY() functions display the next “SUNDAY” from the order\_date and the last day of the month in the order\_date in order table

**SELECT NEXT\_DAY(order\_date,'SUNDAY') AS SUNDAYS, LAST\_DAY(order\_date) AS LASTDATE**

**FROM orders;**

Text

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**Q8** • Using ADD\_MONTHS() function, add 3 months employees hire date and display the results with employee email, hiredate and “3months added” column to the result

**SELECT email, hire\_date, ADD\_MONTHS(hire\_date,3)**

**FROM employees;**

Table

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**Q9** • Using MONTHS\_BETWEEN () function, find the number of months from employees hire date to todays date and display the results with employee email, hiredate and “#months” column to the result.

**SELECT email, hire\_date, MONTHS\_BETWEEN**

**(TO\_DATE(sysdate,'YY-MM-DD'),**

**TO\_DATE(hire\_date,'YY-MM-DD')) AS "MONTHS"**

**FROM employees;**

Text

Description automatically generated

**Q10** • Given a SQL query, list the order of execution for this query. Can you also display the following query results.

**SELECT LOWER(job\_title) AS "Lower",**

**UPPER(first\_name) AS "upper",**

**INITCAP(email) AS "Initcap"**

**FROM employees**

**WHERE manager\_id = 2;**

List Of Order Execution:

1. FROM
2. LOWER,UPPER,INITCAP
3. WHERE
4. SELECT

Yes, Given query gave me the result which is below.

Table

Description automatically generated