LAB 2:

2.1 Create a query which will display Staff Name, Salary of each staff. Format the salary to be 15 characters long and left padded with ‘$’.

1. ANS- SQL> SELECT STAFF\_NAME, LPAD(STAFF\_SAL,15,'$') FROM STAFF\_MASTER;
2. STAFF\_NAME
3. --------------------------------------------------
4. LPAD(STAFF\_SAL,15,'$')
5. ------------------------------------------------------------
6. Arvind
7. $$$$$$$$$$17000
8. Shyam
9. $$$$$$$$$$20000
10. Mohan
11. $$$$$$$$$$24000
12. STAFF\_NAME
13. --------------------------------------------------
14. LPAD(STAFF\_SAL,15,'$')
15. ------------------------------------------------------------
16. Anil
17. $$$$$$$$$$20000
18. John
19. $$$$$$$$$$32000
20. Allen
21. $$$$$$$$$$42000
22. STAFF\_NAME
23. --------------------------------------------------
24. LPAD(STAFF\_SAL,15,'$')
25. ------------------------------------------------------------
26. Smith
27. $$$$$$$$$$62000
28. Raviraj
29. $$$$$$$$$$18000
30. Rahul
31. $$$$$$$$$$22000
32. STAFF\_NAME
33. --------------------------------------------------
34. LPAD(STAFF\_SAL,15,'$')
35. ------------------------------------------------------------
36. Ram
37. $$$$$$$$$$32000
38. 10 rows selected.

2.2 Display name and date of birth of students where date of birth must be displayed in the format similar to “January, 12 1981” for those who were born on Saturday or Sunday.

ANS-

SQL> SELECT STUDENT\_NAME AS NAME, TO\_CHAR(STUDENT\_DOB,'MONTH DD,YYYY') AS DOB FR

OM STUDENT\_MASTER WHERE TO\_CHAR(STUDENT\_DOB,'DAY') LIKE '%SATURDAY%' OR TO\_CHAR(

STUDENT\_DOB,'DAY') LIKE '%SUNDAY%';

NAME

--------------------------------------------------

DOB

--------------------------------------------

Ravi

NOVEMBER 01,1981

Raj

JANUARY 14,1979

Arvind

JANUARY 15,1983

NAME

--------------------------------------------------

DOB

--------------------------------------------

Mehul

JANUARY 17,1982

Vijay

JANUARY 19,1980

Rajat

JANUARY 20,1980

NAME

--------------------------------------------------

DOB

--------------------------------------------

Ramesh

DECEMBER 27,1980

Amit Raj

SEPTEMBER 28,1980

8 rows selected.

2.3 Display each Staff name and number of months they worked for the organization. Label the column as ‘Months Worked’. Order your result by number of months employed. Also Round the number of months to closest whole number.

ANS: SQL> SELECT STAFF\_NAME,FLOOR( MONTHS\_BETWEEN(SYSDATE,HIREDATE)) AS MONTHS\_WORKED

FROM STAFF\_MASTER ORDER BY MONTHS\_WORKED;

STAFF\_NAME MONTHS\_WORKED

-------------------------------------------------- -------------

Rahul 175

Arvind 185

Raviraj 186

Smith 196

Shyam 196

Mohan 197

Ram 197

Allen 206

Anil 208

John 209

10 rows selected.

2.6 Display the Staff Name, Hire date and day of the week on which staff was hired. Label the column as DAY. Order the result by the day of the week starting with Monday. Hint :Use to\_char with hiredate and formats ‘DY’ and ’D’

ANS:

SQL> SELECT STAFF\_NAME,HIREDATE, TO\_CHAR(HIREDATE,'DAY') AS DAY FROM STAFF\_MASTE

R;

STAFF\_NAME HIREDATE

-------------------------------------------------- ---------

DAY

------------------------------------

Arvind 15-JAN-03

WEDNESDAY

Shyam 17-FEB-02

SUNDAY

Mohan 19-JAN-02

SATURDAY

STAFF\_NAME HIREDATE

-------------------------------------------------- ---------

DAY

------------------------------------

Anil 11-MAR-01

SUNDAY

John 21-JAN-01

SUNDAY

Allen 23-APR-01

MONDAY

STAFF\_NAME HIREDATE

-------------------------------------------------- ---------

DAY

------------------------------------

Smith 12-MAR-02

TUESDAY

Raviraj 11-JAN-03

SATURDAY

Rahul 11-DEC-03

THURSDAY

STAFF\_NAME HIREDATE

-------------------------------------------------- ---------

DAY

------------------------------------

Ram 17-JAN-02

THURSDAY

10 rows selected.