DROP TABLE EMPLOYEE PURGE;

CREATE TABLE EMPLOYEES1(

EMPLOYEE\_ID INTEGER PRIMARY KEY,

FIRST\_NAME VARCHAR2(50)NOT NULL,

LAST\_NAME VARCHAR2(50)NOT NULL,

HIRE\_DATE DATE,

SALARY NUMBER(10, 2)

);

INSERT INTO EMPLOYEES1 VALUES(101, 'John', 'Doe', '01-Jul-2022', 60000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(102,'Jane','Smith',null,55000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(103,'Michael','Johnson','15-mar-2023',null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(104,'Emily','Williams',null,null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(105,'Daniel','Brown','05-sep-2022',48000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(106,'Laura','Davis','20-apr-2023',52000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES (107,'Matthew','Wilson','10-dec-2021',54000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(108,'Emma','Brown',null,null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(109,'Olivia','Jones','30-may-2023',59000.0);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(110,'Noah','Smith','08-aug-2022',null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(111,'William','Johnson','25-jun-2021',45000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(112,'Ava','Williams',null,null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(113,'Sophia','Davis','18-feb-2023',57000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(114,'James','Wilson',null,null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(115,'Oliver','Miller','12-oct-2022',51000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(116,'Amelia','Brown',null,null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(117,'Benjamin','Davis','02-dec-2021',53000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(118,'Elijah','Wilson','09-mar-2023',null);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(119,'Lucas','Brown','22-jun-2022',56000.00);

1 row inserted.

INSERT INTO EMPLOYEES1 VALUES(120,'Mia','Johnson',null,null);

1 row inserted.

OUTPUT:-

SELECT \* FROM EMPLOYEES1;

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

101 John Doe 01-07-22 60000

102 Jane Smith 55000

103 Michael Johnson 15-03-23

104 Emily Williams

105 Daniel Brown 05-09-22 48000

106 Laura Davis 20-04-23 52000

107 Matthew Wilson 10-12-21 54000

108 Emma Brown

109 Olivia Jones 30-05-23 59000

110 Noah Smith 08-08-22

111 William Johnson 25-06-21 45000

112 Ava Williams

113 Sophia Davis 18-02-23 57000

114 James Wilson

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

115 Oliver Miller 12-10-22 51000

116 Amelia Brown

117 Benjamin Davis 02-12-21 53000

118 Elijah Wilson 09-03-23

119 Lucas Brown 22-06-22 56000

120 Mia Johnson

20 rows selected.

==========================Distinct Keyword:===========================

1.)SELECT DISTINCT FIRST\_NAME FROM EMPLOYEES1;

OUTPUT:-

FIRST\_NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_

WILLIAM

LUCAS

OLIVER

BENJEMIN

ELIJHA

AMELIA

MIA

SOPHIA

JANE

DANIEL

LAURA

NOAH

MICHAEL

EMILY

FIRST\_NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_

JOHN

MATTHEW

EMMA

OLIVIA

AVA

JAMES

2.)SELECT DISTINCT LAST\_NAME FROM EMPLOYEES1;

OUTPUT:-

LAST\_NAME

\_\_\_\_\_\_\_\_\_\_\_\_

WILLIAMS

DOE

BROWN

DAVIS

WILSON

JOHNS

SMITH

JOHNSON

MILLER

3.)SELECT DISTINCT HIRE\_DATE FROM EMPLOYEES1;

OUTPUT:-

HIRE\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_

01-07-22

20-04-23

10-12-21

30-05-23

22-06-22

18-02-23

02-12-21

05-09-22

15-03-23

09-03-23

08-08-22

25-06-21

12-10-22

4.)SELECT DISTINCT SALARY FROM EMPLOYEES1;

OUTPUT:

SALARY

\_\_\_\_\_\_\_\_\_

55000

51000

59000

56000

60000

48000

54000

45000

53000

52000

57000

5.)SELECT DISTINCT EMPLOYEE\_ID FROM EMPLOYEES1;

OUTPUT:-

EMPLOYEE\_ID

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1

2

3

4

5

6

7

8

9

10

11

12

13

14

EMPLOYEE\_ID

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15

16

17

18

19

20

============================== Comparing Values: =======================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY > 50000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE >= '01-JAN-2022';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

3 MICHAEL JOHNSON 15-03-23

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

3.)SELECT \* FROM EMPLOYEES1 WHERE SALARY = 60000;

OUTPUT:

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

4.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME LIKE 'JOHN';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

5.)SELECT \* FROM EMPLOYEES1 WHERE SALARY <=50000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

5 DANIEL BROWN 05-09-22 48000

11 WILLIAM JOHNSON 25-06-21 45000

==============================LIKE OPERATORS==============================

1.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME LIKE '%SON';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

3 MICHAEL JOHNSON 15-03-23

7 MATTHEW WILSON 10-12-21 54000

11 WILLIAM JOHNSON 25-06-21 45000

14 JAMES WILSON

18 ELIJHA WILSON 09-03-23

20 MIA JOHNSON

2.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME LIKE '%A';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

6 LAURA DAVIS 20-04-23 52000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

12 AVA WILLIAMS

3 SOPHIA DAVIS 18-02-23 57000

16 AMELIA BROWN

18 ELIJHA WILSON 09-03-23

20 MIA JOHNSON

3.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME LIKE 'SM%';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

10 NOAH SMITH 08-08-22 54000

4.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME LIKE '%E%';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

5.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME LIKE 'BROWN';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

5 DANIEL BROWN 05-09-22 48000

8 EMMA BROWN

16 AMELIA BROWN

19 LUCAS BROWN 22-06-22 56000

==============================IN OPERATOR==============================

1.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID IN (1,2,3);

OUTPUT:

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

2.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME IN('JOHN','JANE', 'MICHAEL');

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

3.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IN(50000, 55000, 60000);

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

4.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME IN('SMITH', 'JOHNSON', 'WILLIAMS');

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

20 MIA JOHNSON

5.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID IN (4,5,6);

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

=============================BETWEEN OPERATOR=============================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY BETWEEN 50000 AND 60000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE BETWEEN '01-JAN-2022' AND '31-DEC-2022';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

5 DANIEL BROWN 05-09-22 48000

10 NOAH SMITH 08-08-22 54000

15 OLIVER MILLER 12-10-22 51000

19 LUCAS BROWN 22-06-22 56000

3.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID BETWEEN 101 AND 110;

OUTPUT:-

no rows selected

4.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE BETWEEN '01-JAN-2022' AND '31-DEC-2022';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

5 DANIEL BROWN 05-09-22 48000

10 NOAH SMITH 08-08-22 54000

15 OLIVER MILLER 12-10-22 51000

19 LUCAS BROWN 22-06-22 56000

5.)SELECT \* FROM EMPLOYEES1 WHERE SALARY BETWEEN 45000 AND 55000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

=============================IS NULL QUERIES:=============================

1.) SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE IS NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

4 EMILY WILLIAMS

8 EMMA BROWN

12 AVA WILLIAMS

14 JAMES WILSON

16 AMELIA BROWN

20 MIA JOHNSON

2.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

8 EMMA BROWN

12 AVA WILLIAMS

14 JAMES WILSON

16 AMELIA BROWN

18 ELIJHA WILSON 09-03-23

20 MIA JOHNSON

3.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME IS NULL;

OUTPUT:-

no rows selected

4.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME IS NULL;

OUTPUT:-

no rows selected

5.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID IS NULL;

OUTPUT:-

no rows selected

============================LOGICAL OPERATOR============================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NAN;

OUTPUT:-

no rows selected

2.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS INFINITE;

OUTPUT:-

no rows selected

3.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

3 MICHAEL JOHNSON 15-03-23

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

4.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT NAN;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

5.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT INFINITE;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

===========================NOT LIKE OPERATOR===========================

1.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME NOT LIKE '%SON';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME NOT LIKE'%A';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

7 MATTHEW WILSON 10-12-21 54000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

3.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME NOT LIKE 'SM%';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

4.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME NOT LIKE '%E%';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

6 LAURA DAVIS 20-04-23 52000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

5.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME NOT LIKE 'BROWN';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

18 ELIJHA WILSON 09-03-23

20 MIA JOHNSON

===============================NOT IN OPERATOR===============================

1.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID NOT BETWEEN 1 AND 10;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

2.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME NOT IN ('JOHN', 'JANE', 'MICHAEL');

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

3.)SELECT \* FROM EMPLOYEES1 WHERE SALARY NOT IN (50000, 55000, 60000);

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

4.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME NOT IN ('SMITH', 'JOHNSON', 'WILLIAMS');

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

5.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID NOT IN (4,5,6);

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

===============================NOT BETWEEN OPERATOR===============================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY NOT BETWEEN 50000 AND 60000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

5 DANIEL BROWN 05-09-22 48000

11 WILLIAM JOHNSON 25-06-21 45000

2.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE NOT BETWEEN '01-JAN-2022' AND '31-DEC-2022';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

3 MICHAEL JOHNSON 15-03-23

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

3.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID NOT BETWEEN 1 AND 10;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

4.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE NOT BETWEEN '01-JAN-2022' AND '31-DEC-2022';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

3 MICHAEL JOHNSON 15-03-23

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

5.)SELECT \* FROM EMPLOYEES1 WHERE SALARY NOT BETWEEN 45000 AND 55000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

9 OLIVIA JOHNS 30-05-23 59000

13 SOPHIA DAVIS 18-02-23 57000

19 LUCAS BROWN 22-06-22 56000

==============================IS NOT NULL OPERATOR==============================

1.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

3 MICHAEL JOHNSON 15-03-23

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

3.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

4.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

5.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

==============================IS NOT NAN OPERATOR==============================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT NAN;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT NAN;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

3.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

4.)SELECT \* FROM EMPLOYEES1 WHERE LAST\_NAME IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

5.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID IS NOT NAN;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

==============================IS NOT INFINITE OPERATORS==============================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT INFINITE;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE SALARY IS NOT INFINITE;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

19 LUCAS BROWN 22-06-22 56000

3.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

3 MICHAEL JOHNSON 15-03-23

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

4.)SELECT \* FROM EMPLOYEES1 WHERE FIRST\_NAME IS NOT NULL;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

5.)SELECT \* FROM EMPLOYEES1 WHERE EMPLOYEE\_ID IS NOT INFINITE;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

2 JANE SMITH 55000

3 MICHAEL JOHNSON 15-03-23

4 EMILY WILLIAMS

5 DANIEL BROWN 05-09-22 48000

6 LAURA DAVIS 20-04-23 52000

7 MATTHEW WILSON 10-12-21 54000

8 EMMA BROWN

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

11 WILLIAM JOHNSON 25-06-21 45000

12 AVA WILLIAMS

13 SOPHIA DAVIS 18-02-23 57000

14 JAMES WILSON

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

15 OLIVER MILLER 12-10-22 51000

16 AMELIA BROWN

17 BENJEMIN DAVIS 02-12-21 53000

18 ELIJHA WILSON 09-03-23

19 LUCAS BROWN 22-06-22 56000

20 MIA JOHNSON

============================LOGICAL OPERATOR============================

1.)SELECT \* FROM EMPLOYEES1 WHERE SALARY > 50000 AND HIRE\_DATE >'01-JAN-2022';

OUTPUT:

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

6 LAURA DAVIS 20-04-23 52000

9 OLIVIA JOHNS 30-05-23 59000

10 NOAH SMITH 08-08-22 54000

13 SOPHIA DAVIS 18-02-23 57000

15 OLIVER MILLER 12-10-22 51000

19 LUCAS BROWN 22-06-22 56000

2.)SELECT \* FROM EMPLOYEES1 WHERE SALARY > 60000 AND HIRE\_DATE <'01-JAN-2021';

OUTPUT:-

no rows selected

3.)SELECT \* FROM EMPLOYEES1 WHERE SALARY > 50000 AND LAST\_NAME LIKE 'S%';

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

10 NOAH SMITH 08-08-22 54000

4.)SELECT \* FROM EMPLOYEES1 WHERE HIRE\_DATE IS NULL OR SALARY < 40000;

OUTPUT:-

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

2 JANE SMITH 55000

4 EMILY WILLIAMS

8 EMMA BROWN

12 AVA WILLIAMS

14 JAMES WILSON

16 AMELIA BROWN

20 MIA JOHNSON

5.)SELECT \* FROM EMPLOYEES1 WHERE SALARY > 55000 AND FIRST\_NAME NOT LIKE 'JANE';

OUTPUT:

EMPLOYEE\_ID FIRST\_NAME LAST\_NAME HIRE\_DATE SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_

1 JOHN DOE 01-07-22 60000

9 OLIVIA JOHNS 30-05-23 59000

13 SOPHIA DAVIS 18-02-23 57000

19 LUCAS BROWN 22-06-22 56000

================================TABLE ALIASING==============================

1.)SELECT FIRST\_NAME || ' ' || LAST\_NAME AS NAME FROM EMPLOYEES1;

OUTPUT:-

NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JOHN DOE

JANE SMITH

MICHAEL JOHNSON

EMILY WILLIAMS

DANIEL BROWN

LAURA DAVIS

MATTHEW WILSON

EMMA BROWN

OLIVIA JOHNS

NOAH SMITH

WILLIAM JOHNSON

AVA WILLIAMS

SOPHIA DAVIS

JAMES WILSON

NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

OLIVER MILLER

AMELIA BROWN

BENJEMIN DAVIS

ELIJHA WILSON

LUCAS BROWN

MIA JOHNSON

2.)SELECT HIRE\_DATE || ' ' || SALARY AS EMPLOYEE\_DETAIL FROM EMPLOYEES1;

OUTPUT:-

EMPLOYEE\_DETAIL

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

01-07-22 60000

55000

15-03-23

05-09-22 48000

20-04-23 52000

10-12-21 54000

30-05-23 59000

08-08-22 54000

25-06-21 45000

18-02-23 57000

EMPLOYEE\_DETAIL

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

12-10-22 51000

02-12-21 53000

09-03-23

22-06-22 56000

3.)SELECT EMPLOYEE\_ID || ' ' || HIRE\_DATE AS ID\_DATE FROM EMPLOYEES1;

OUTPUT:-

ID\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1 01-07-22

2

3 15-03-23

4

5 05-09-22

6 20-04-23

7 10-12-21

8

9 30-05-23

10 08-08-22

11 25-06-21

12

13 18-02-23

14

ID\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_

15 12-10-22

16

17 02-12-21

18 09-03-23

19 22-06-22

20

4.)SELECT LAST\_NAME || ' ' || SALARY AS LAST\_SALARY FROM EMPLOYEES1;

OUTPUT:-

LAST\_SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DOE 60000

SMITH 55000

JOHNSON

WILLIAMS

BROWN 48000

DAVIS 52000

WILSON 54000

BROWN

JOHNS 59000

SMITH 54000

JOHNSON 45000

WILLIAMS

DAVIS 57000

WILSON

LAST\_SALARY

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MILLER 51000

BROWN

DAVIS 53000

WILSON

BROWN 56000

JOHNSON

5.)SELECT FIRST\_NAME || ' ' || HIRE\_DATE AS FIRST\_DATE FROM EMPLOYEES1;

OUTPUT:-

FIRST\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JOHN 01-07-22

JANE

MICHAEL 15-03-23

EMILY

DANIEL 05-09-22

LAURA 20-04-23

MATTHEW 10-12-21

EMMA

OLIVIA 30-05-23

NOAH 08-08-22

WILLIAM 25-06-21

AVA

SOPHIA 18-02-23

JAMES

FIRST\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

OLIVER 12-10-22

AMELIA

BENJEMIN 02-12-21

ELIJHA 09-03-23

LUCAS 22-06-22

MIA

===============================COLUMN ALIASING==============================

1.)SELECT EMPLOYEE\_ID AS EMPLOYEEID FROM EMPLOYEES1;

OUTPUT:-

EMPLOYEEID

\_\_\_\_\_\_\_\_\_\_\_\_\_

1

2

3

4

5

6

7

8

9

10

11

12

13

14

EMPLOYEEID

\_\_\_\_\_\_\_\_\_\_\_\_\_

15

16

17

18

19

20

2.)SELECT FIRST\_NAME || ' ' || LAST\_NAME AS FULL\_NAME FROM EMPLOYEES1;

OUTPUT:-

FULL\_NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

JOHN DOE

JANE SMITH

MICHAEL JOHNSON

EMILY WILLIAMS

DANIEL BROWN

LAURA DAVIS

MATTHEW WILSON

EMMA BROWN

OLIVIA JOHNS

NOAH SMITH

WILLIAM JOHNSON

AVA WILLIAMS

SOPHIA DAVIS

JAMES WILSON

FULL\_NAME

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

OLIVER MILLER

AMELIA BROWN

BENJEMIN DAVIS

ELIJHA WILSON

LUCAS BROWN

MIA JOHNSON

3.)SELECT HIRE\_DATE AS JOIN\_DATE FROM EMPLOYEES1;

OUTPUT:-

JOIN\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_

01-07-22

15-03-23

05-09-22

20-04-23

10-12-21

30-05-23

08-08-22

25-06-21

18-02-23

JOIN\_DATE

\_\_\_\_\_\_\_\_\_\_\_\_

12-10-22

02-12-21

09-03-23

22-06-22

4.)SELECT SALARY AS INCOME FROM EMPLOYEES1;

OUTPUT:-

INCOME

\_\_\_\_\_\_\_\_\_

60000

55000

48000

52000

54000

59000

54000

45000

57000

INCOME

\_\_\_\_\_\_\_\_\_

51000

53000

56000

5.)SELECT LAST\_NAME || ' ' || SALARY AS DETAIL FROM EMPLOYEES1;

OUTPUT:-

DETAIL

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DOE 60000

SMITH 55000

JOHNSON

WILLIAMS

BROWN 48000

DAVIS 52000

WILSON 54000

BROWN

JOHNS 59000

SMITH 54000

JOHNSON 45000

WILLIAMS

DAVIS 57000

WILSON

DETAIL

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

MILLER 51000

BROWN

DAVIS 53000

WILSON

BROWN 56000

JOHNSON