SQL TASK IMPLEMENTATION QUERIES

1.Ans:

SELECT FIRST_NAME AS WORKER_NAME FROM Worker;

```
68 •  SELECT FIRST_NAME AS WORKER_NAME FROM Worker;
69
```

Result Grid | Filter Rows: | Export: | Wrap Cell

WORKER_NAME
Monika
Niharika
Vishal
Amitabh
Vivek

2.ANS:

SELECT UPPER(FIRST_NAME) AS FIRST_NAME_UPPER FROM Worker;

```
69 •  SELECT UPPER(FIRST_NAME) AS FIRST_NAME_UPPER FROM Worker;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

FIRST_NAME_UPPER
MONIKA
NIHARIKA
VISHAL
AMITABH
VIVEK

3.ANS:

SELECT distinct department from worker;

```
70 •  SELECT distinct department from worker;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conten

department
HR
Admin
Account

4.ANS:

select left(FIRST_NAME,3) as First_name_three from Worker;

```
69 •    SELECT UPPER(FIRST_NAME) AS FIRST_NAME_UPPER FROM Worker;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

First_name_three
Mon
Nih
Vis
Ami
Viv
Vip
Sat
Gee

5.ANS:

SELECT INSTR(FIRST_NAME, 'a') AS POSITION_OF_A FROM Worker WHERE FIRST_NAME = 'Amitabh';

```
72 •    SELECT INSTR(FIRST_NAME, 'a') AS POSITION_OF_A FROM Worker WHERE FIRST_NAME = 'Amitabh';
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

POSITION_OF_A
1

6.ANS:

SELECT RTRIM(FIRST_NAME) AS FIRST_NAME_WITHOUT_SPACES FROM Worker;

```
73 •    SELECT RTRIM(FIRST_NAME) AS FIRST_NAME_WITHOUT_SPACES FROM Worker;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

FIRST_NAME_WITHOUT_SPACES
Monika
Niharika
Vishal
Amitabh
Vivek
Vipul

7.ANS:

SELECT LTRIM(DEPARTMENT) FROM Worker;

```
74 •  SELECT LTRIM(DEPARTMENT) FROM Worker;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

LTRIM(DEPARTMENT)
HR
Admin
HR
Admin
Admin
Account
Account
Admin

8.ANS:

SELECT DISTINCT DEPARTMENT, LENGTH(DEPARTMENT) AS DEPARTMENT_LENGTH FROM Worker;

```
76 •  SELECT DISTINCT DEPARTMENT, LENGTH(DEPARTMENT) AS DEPARTMENT_LENGTH FROM Worker;
77
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

DEPARTMENT	DEPARTMENT_LENGTH
HR	2
Admin	5
Account	7

9.ANS:

SELECT REPLACE(FIRST_NAME, 'a', 'A') FROM Worker;

```
77 •  SELECT REPLACE(FIRST_NAME, 'a', 'A') FROM Worker;
78
```

Result Grid | Filter Rows: | Export: | Wrap Cell Conte

REPLACE(FIRST_NAME, 'a', 'A')
MonikA
NihArikA
VishAl
AmitAbh
Vivek
Vipul
SAtish

10.ANS:

Select CONCAT(FIRST_NAME, ' ', LAST_NAME) AS 'COMPLETE_NAME' from Worker;

```
78 •  Select CONCAT(FIRST_NAME, ' ', LAST_NAME) AS 'COMPLETE_NAME' from Worker;
79
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

COMPLETE_NAME
Monika Arora
Niharika Verma
Vishal Singhal
Amitabh Singh
Vivek Bhati
Vipul Diwan
Satish Kumar
Geetika Chauhan

11.ANS:

Select * from Worker order by FIRST_NAME asc;

```
78 •  Select * from Worker order by FIRST_NAME asc;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin

12.ANS:

SELECT * FROM Worker ORDER BY FIRST_NAME ASC, DEPARTMENT DESC;

```
79 •  SELECT * FROM Worker ORDER BY FIRST_NAME ASC, DEPARTMENT DESC;
80
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin

13.Ans:

SELECT * FROM Worker WHERE FIRST_NAME IN ('Vipul', 'Satish');

```
80 •    SELECT * FROM Worker WHERE FIRST_NAME IN ('Vipul', 'Satish');
81
```

Result Grid | Filter Rows: | Edit: | Export/Import:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
NULL	NULL	NULL	NULL	NULL	NULL

14.ANS:

SELECT * FROM Worker WHERE FIRST_NAME NOT IN ('Vipul', 'Satish');

```
81 •    SELECT * FROM Worker WHERE FIRST_NAME NOT IN ('Vipul', 'Satish');
82
```

Result Grid | Filter Rows: | Edit: | Export/Import:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

15.ANS:

SELECT * FROM Worker WHERE DEPARTMENT = 'Admin';

```
82 •    SELECT * FROM Worker WHERE DEPARTMENT = 'Admin';
83
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

16.ANS:

SELECT * FROM Worker WHERE FIRST_NAME LIKE '%a%';

```
83 •  SELECT * FROM Worker WHERE FIRST_NAME LIKE '%a%';
84
```

Result Grid | Filter Rows: | Edit: | Export/Import:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

17.Ans:

SELECT * FROM Worker WHERE FIRST_NAME LIKE '%a';

```
84 •  SELECT * FROM Worker WHERE FIRST_NAME LIKE '%a';
85
```

Result Grid | Filter Rows: | Edit: | Export/Import:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

18.ANS:

SELECT * FROM Worker WHERE FIRST_NAME LIKE '%h' AND LENGTH(FIRST_NAME) = 6;

```
85 •  SELECT * FROM Worker WHERE FIRST_NAME LIKE '%h' AND LENGTH(FIRST_NAME) = 6;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Cont

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
NULL	NULL	NULL	NULL	NULL	NULL

19.Ans:

SELECT * FROM Worker WHERE SALARY BETWEEN 100000 AND 500000;

```
86 •    SELECT * FROM Worker WHERE SALARY BETWEEN 100000 AND 500000;
87
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
NULL	NULL	NULL	NULL	NULL	NULL

20.Ans:

SELECT * FROM Worker WHERE JOINING_DATE BETWEEN '2014-02-01' AND '2014-02-28';

```
87 •    SELECT * FROM Worker WHERE JOINING_DATE BETWEEN '2014-02-01' AND '2014-02-28';
88
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

21.ANS:

SELECT COUNT(*) FROM Worker WHERE DEPARTMENT = 'Admin';

```
88 •    SELECT COUNT(*) FROM Worker WHERE DEPARTMENT = 'Admin';
89
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

COUNT(*)
4

22.ANS:

SELECT FIRST_NAME FROM Worker WHERE SALARY >= 50000 AND SALARY <> 100000;

```
89 •  SELECT FIRST_NAME FROM Worker WHERE SALARY >= 50000 AND SALARY <> 100000;
90
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

FIRST_NAME
Niharika
Vishal
Amitabh
Vivek
Vipul
Satish
Geetika

23.ANS:

SELECT DEPARTMENT, COUNT(*) AS WorkerCount FROM Worker GROUP BY DEPARTMENT ORDER BY WorkerCount DESC;

```
90 •  SELECT DEPARTMENT, COUNT(*) AS WorkerCount FROM Worker GROUP BY DEPARTMENT ORDER BY WorkerCount DESC;
91
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

DEPARTMENT	WorkerCount
Admin	4
HR	2
Account	2

24.ANS:

SELECT * FROM Worker WHERE WORKER_ID IN (SELECT WORKER_REF_ID FROM Title WHERE WORKER_TITLE = 'Manager');

```
91 •  SELECT * FROM Worker WHERE WORKER_ID IN (SELECT WORKER_REF_ID FROM Title WHERE WORKER_TITLE = 'Manager');
92
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

25.ANS:

SELECT FIRST_NAME, LAST_NAME, COUNT(*) FROM Worker GROUP BY FIRST_NAME, LAST_NAME HAVING COUNT(*) > 1;

```
92 •  SELECT FIRST_NAME, LAST_NAME, COUNT(*) FROM Worker GROUP BY FIRST_NAME, LAST_NAME HAVING COUNT(*) > 1;
93
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

FIRST_NAME	LAST_NAME	COUNT(*)

26.ANS:

SELECT * FROM (SELECT *, ROW_NUMBER() OVER (ORDER BY WORKER_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 1;

```
93 •  SELECT * FROM (SELECT *, ROW_NUMBER() OVER (ORDER BY WORKER_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 1;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT	rownum
1	Monika	Arora	100000	2014-02-20 09:00:00	HR	1
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR	3
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin	5
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account	7

27.ANS:

SELECT * FROM (SELECT *, ROW_NUMBER() OVER (ORDER BY WORKER_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 0;

```
94 •  SELECT * FROM (SELECT *, ROW_NUMBER() OVER (ORDER BY WORKER_ID) AS rownum FROM Worker) AS temp WHERE rownum % 2 = 0;
95
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT	rownum
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin	2
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin	4
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account	6
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin	8

28.ANS:

```
95 •  CREATE TABLE WorkerClone AS SELECT * FROM Worker;
96
```

29.ANS:

SELECT *FROM Worker INTERSECT SELECT *FROM WorkerClone;

```
SELECT *FROM Worker INTERSECT SELECT *FROM WorkerClone;
```

Grid | Filter Rows: | Export: | Wrap Cell Content:

ORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
	Monika	Arora	100000	2014-02-20 09:00:00	HR
	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
	Satish	Kumar	75000	2014-01-20 09:00:00	Account
	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin

30.ANS:

SELECT * FROM Worker WHERE WORKER_ID NOT IN (SELECT WORKER_REF_ID FROM Bonus);

```
97 •  SELECT * FROM Worker
98    WHERE WORKER_ID NOT IN (SELECT WORKER_REF_ID FROM Bonus);
99
100
```

Result Grid | Filter Rows: | Edit: | Export/Import:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

31.ANS:

SELECT CURRENT_TIMESTAMP;

```
99 •  SELECT CURRENT_TIMESTAMP;
100
101
```

Result Grid | Filter Rows: | Export: | Wrap

CURRENT_TIMESTAMP
2024-06-07 13:29:32

32.ANS:

SELECT * FROM Worker ORDER BY WORKER_ID LIMIT 10;

```
100 •  SELECT * FROM Worker ORDER BY WORKER_ID LIMIT 10;
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
6	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
7	Satish	Kumar	75000	2014-01-20 09:00:00	Account
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

33.ANS:

SELECT DISTINCT SALARY FROM Worker W1 WHERE 5 = (SELECT COUNT(DISTINCT SALARY) FROM Worker W2 WHERE W2.SALARY >= W1.SALARY);

```
101 •  SELECT DISTINCT SALARY
102    FROM Worker W1
103    WHERE 5 = (SELECT COUNT(DISTINCT SALARY) FROM Worker W2 WHERE W2.SALARY >= W1.SALARY);
104
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

SALARY
90000

34.ANS:

SELECT MIN(SALARY) FROM (SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 5) AS subquery;

```
104 •  SELECT MIN(SALARY) FROM (SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 5) AS subquery;
105
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

5th_HIGHEST_SALARY
90000

35.ANS:

SELECT SALARY, GROUP_CONCAT(FIRST_NAME) AS EMPLOYEES FROM Worker GROUP BY SALARY HAVING COUNT(*) > 1;

```
105 •  SELECT SALARY, GROUP_CONCAT(FIRST_NAME) AS EMPLOYEES
106    FROM Worker
107    GROUP BY SALARY
108    HAVING COUNT(*) > 1;
109
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

SALARY	EMPLOYEES
500000	Amitabh,Vivek

36.ANS:

SELECT MAX(SALARY) FROM Worker WHERE SALARY < (SELECT MAX(SALARY) FROM Worker);

```
109 •  SELECT MAX(SALARY) FROM Worker WHERE SALARY < (SELECT MAX(SALARY) FROM Worker);
110
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

MAX(SALARY)
300000

37.ANS:

SELECT * FROM Worker WHERE WORKER_ID = 1 UNION ALL SELECT * FROM Worker WHERE WORKER_ID = 1;

```
110 •  SELECT * FROM Worker WHERE WORKER_ID = 1
111    UNION ALL
112    SELECT * FROM Worker WHERE WORKER_ID = 1;
113
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
1	Monika	Arora	100000	2014-02-20 09:00:00	HR

38.ANS:

SELECT * FROM Worker INTERSECT SELECT * FROM WorkerClone;

```
SELECT * FROM Worker
INTERSECT
SELECT * FROM WorkerClone;
```

rid | Filter Rows: | Export: | Wrap Cell Content:

RKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
	Monika	Arora	100000	2014-02-20 09:00:00	HR
	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin
	Vipul	Diwan	200000	2014-06-11 09:00:00	Account
	Satish	Kumar	75000	2014-01-20 09:00:00	Account
	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin

39.ANS:

SELECT * FROM WORKER WHERE WORKER_ID <= (SELECT count(WORKER_ID)/2 from Worker);

```
116 •  SELECT * FROM WORKER WHERE WORKER_ID <= (SELECT count(WORKER_ID)/2 from Worker);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

40.ANS:

SELECT DEPARTMENT FROM Worker GROUP BY DEPARTMENT HAVING COUNT(*) < 5;

```
117 •  SELECT DEPARTMENT
118    FROM Worker
119    GROUP BY DEPARTMENT
120    HAVING COUNT(*) < 5;
121
```

Result Grid | Filter Rows: | Export:

DEPARTMENT
HR
Admin
Account

41.ANS:

SELECT DEPARTMENT, COUNT(*) AS NUMBER_OF_PEOPLE FROM Worker GROUP BY DEPARTMENT;

```
121 •  SELECT DEPARTMENT, COUNT(*) AS NUMBER_OF_PEOPLE
122    FROM Worker
123    GROUP BY DEPARTMENT;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Co

DEPARTMENT	NUMBER_OF_PEOPLE
HR	2
Admin	4
Account	2

42.ANS:

SELECT * FROM Worker ORDER BY WORKER_ID DESC LIMIT 1;

```
124 •   SELECT * FROM Worker ORDER BY WORKER_ID DESC LIMIT 1;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
8	Geetika	Chauhan	90000	2014-04-11 09:00:00	Admin
NULL	NULL	NULL	NULL	NULL	NULL

43.ANS:

Select * from Worker where WORKER_ID = (SELECT min(WORKER_ID) from Worker);

```
125 •   Select * from Worker where WORKER_ID = (SELECT min(WORKER_ID) from Worker);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
NULL	NULL	NULL	NULL	NULL	NULL

44.ANS:

SELECT * FROM Worker WHERE WORKER_ID <=5 UNION SELECT * FROM (SELECT * FROM Worker W order by W.WORKER_ID DESC) AS W1 WHERE W1.WORKER_ID <=5;

```
126 •   SELECT * FROM Worker WHERE WORKER_ID <=5 UNION
127     SELECT * FROM (SELECT * FROM Worker W order by W.WORKER_ID DESC) AS W1 WHERE W1.WORKER_ID <=5;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

WORKER_ID	FIRST_NAME	LAST_NAME	SALARY	JOINING_DATE	DEPARTMENT
1	Monika	Arora	100000	2014-02-20 09:00:00	HR
2	Niharika	Verma	80000	2014-06-11 09:00:00	Admin
3	Vishal	Singhal	300000	2014-02-20 09:00:00	HR
4	Amitabh	Singh	500000	2014-02-20 09:00:00	Admin
5	Vivek	Bhati	500000	2014-06-11 09:00:00	Admin

45.ANS:

SELECT DEPARTMENT, FIRST_NAME, LAST_NAME, SALARY FROM Worker w

WHERE SALARY = (SELECT MAX(SALARY) FROM Worker WHERE DEPARTMENT = w.DEPARTMENT);

```
128 •  SELECT DEPARTMENT, FIRST_NAME, LAST_NAME, SALARY
129    FROM Worker w
130    WHERE SALARY = (SELECT MAX(SALARY) FROM Worker WHERE DEPARTMENT = w.DEPARTMENT);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

DEPARTMENT	FIRST_NAME	LAST_NAME	SALARY
HR	Vishal	Singhal	300000
Admin	Amitabh	Singh	500000
Admin	Vivek	Bhati	500000
Account	Vipul	Diwan	200000

46.ANS:

SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 3;

```
131 •  SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY DESC LIMIT 3;
132
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

SALARY
500000
300000
200000

47.ANS:

SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY LIMIT 3;

```
132 •  SELECT DISTINCT SALARY FROM Worker ORDER BY SALARY LIMIT 3;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

SALARY
75000
80000
90000

48.ANS:

SELECT DISTINCT SALARY FROM Worker W1 WHERE n = (SELECT COUNT(DISTINCT SALARY) FROM Worker W2 WHERE W2.SALARY >= W1.SALARY);

```
133 • SELECT DISTINCT SALARY FROM Worker W1 WHERE n = (SELECT COUNT(DISTINCT SALARY) FROM Worker W2 WHERE W2.SALARY >= W1.SALARY);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows:

SALARY
75000
80000
90000

49.ANS:

SELECT DEPARTMENT, SUM(SALARY) AS TOTAL_SALARY FROM Worker GROUP BY DEPARTMENT;

```
134 • SELECT DEPARTMENT, SUM(SALARY) AS TOTAL_SALARY FROM Worker GROUP BY DEPARTMENT;
135
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

DEPARTMENT	TOTAL_SALARY
HR	400000
Admin	1170000
Account	275000

50.ANS:

SELECT FIRST_NAME, SALARY from Worker WHERE SALARY=(SELECT max(SALARY) from Worker);

```
135 • SELECT FIRST_NAME, SALARY from Worker WHERE SALARY=(SELECT max(SALARY) from Worker);
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

FIRST_NAME	SALARY
Amitabh	500000
Vivek	500000