```
Type 1 >> Show the highest salary value
                  SELECT MAX (SALARY)
                  FROM employees;
Type 1.1 >> Show the highest salary holder employee details
                  SELECT *
                  FROM employees
                  WHERE SALARY = (
                                      SELECT MAX (SALARY)
                                      FROM employees
                                 );
[If more than one employees receive the maximum salary, then all of them will be shown]
practice 1: Show the lowest salary value.
practice 1.1: Show the lowest salary holder employee details.
Type 2 >> Show the nth highest salary value
                  SELECT SALARY
                  FROM employees as emp1
                  WHERE n-1 = (
                                  SELECT COUNT (DISTINCT SALARY)
                                  FROM employees as emp2
                                  WHERE emp2.SALARY>emp1.SALARY
                              );
                  /* for 4th highest salary value, use n-1=4-1=3 */
                  /* for 2nd highest salary value, use n-1=2-1=1 */
Type 2.2 >> Show the nth highest salary holder employee details
                  SELECT *
                  FROM employees as emp1
                  WHERE n-1 = (
                                  SELECT COUNT (DISTINCT SALARY)
                                  FROM employees as emp2
                                  WHERE emp2.SALARY>emp1.SALARY
                              );
practice 2: Show the 3rd highest salary value.
practice 2.1: Show the 3rd highest salary holder employee details.
practice 3: Show the 50th highest salary value.
practice 3.1: Show the 50th highest salary holder employee details.
practice 4: Show the 10th lowest salary value.
practice 4.1: Show the 10th lowest salary holder employee details.
```

```
Type 3 >> Show department wise highest salary value
                  SELECT DEPARTMENT ID, MAX (SALARY) AS highest sal
                  FROM employees
                  GROUP BY DEPARTMENT ID;
Type 3.1 >> Show department wise highest salary holder employee details
      way 1 - using row subquery:
                  SELECT *
                  FROM employees
                  WHERE (DEPARTMENT ID, SALARY) IN (
                                    SELECT DEPARTMENT ID, MAX (SALARY) AS highest sal
                                    FROM employees
                                    GROUP BY DEPARTMENT ID
      way 2 - using correlated subquery:
                  SELECT e1.*
                  FROM employees e1
                  WHERE el.salary = (
                                      SELECT MAX (e2.salary)
                                      FROM employees e2
                                      WHERE e2.department id = e1.department id
                                  );
practice 5: Show the department wise lowest salary value.
practice 5.1: Show the department wise lowest salary holder employee details.
practice 6: Show the department wise most senior employees experience value in no of days.
practice 6.1: Show the department wise most senior employee details.
Type 4 >> Show the department wise nth highest salary value
                  SELECT DEPARTMENT ID, SALARY
                  FROM employees as emp1
                  WHERE n-1 = (
                                  SELECT COUNT (DISTINCT SALARY)
                                  FROM employees as emp2
                                  WHERE emp2.SALARY>emp1.SALARY
                                  AND emp1.DEPARTMENT ID=emp2.DEPARTMENT ID
                              );
                  /* for 4th highest salary value, use n-1=4-1=3 */
                  /* for 2nd highest salary value, use n-1=2-1=1 */
Type 4.1 >> Show the department wise nth highest salary holder employee details
                  SELECT *
                  FROM employees as emp1
                  WHERE n-1 = (
                                  SELECT COUNT (DISTINCT SALARY)
                                  FROM employees as emp2
                                  WHERE emp2.SALARY>emp1.SALARY
                                  AND emp1.DEPARTMENT ID=emp2.DEPARTMENT_ID
                              );
practice 7: Show department wise 2nd lowest salary value
practice 7.1: Show department wise 2nd lowest salary holder employee details
```

HAVING COUNT (DISTINCT mantable1.emp cnt) = n-1;

/* for 4th highest salary value, use n-1=4-1=3 *//* for 2nd highest salary value, use n-1=2-1=1 */

GROUP BY mantable.man id