1. Write a query to retrieve Employee name and his corresponding department name and location for those employee id greater than 4500 and belonging to dept_id 5.
   a. Generate the execution plan for this query
   b. Write a select query to display the above plan in readable form from its order of execution with proper indentation. Columns required - (Rows, Operation, Options, object_name)

2. Write a query to get an Index Skip Scan as the execution plan access method using <vendor_members> table.

3. Write a query to get maximum and minimum of employee id from employee table without using FTS. Make sure the query plan contains index access method and not contain more than 2 sort operations. Do you find any new access method used?

4. Write a query to get firstname, lastname and department location for those who are not working in deptartment id 3 , having email id with domain 'gmail' .Order them by their names.
   Create necessary cases to make sure your query plan contain these operations.
   Bitmap Index Single scan
   Bitmap Index Minus

5. Write a query to find count of employees working at every location in the department table.

   a) Use hints to force the query to access nested loop join

   b) Write another query to use Nested loop join without Hints

   c) Compare the cost of above 2 queries

6. Prove FTS is not always slower than index scan using vendor_members table.

7. Get the list of hints in oracle and use any 15 hints in queries and print the execution plan.