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| **Part A** |
| **Aim:**  Database Querying – Simple queries. |
| **Prerequisite:** Oracle. |
| **Outcome:** Understanding and use of various Oracle functions. |
| **Procedure:**   1. Formulate the query for given problem. 2. Write the SQL query with proper input. 3. Execute the query. |
| **Practice Exercise:**  **Sailors(sid, sname, sage, srating)**   1. Display all the sailors names avoid duplicates. 2. Find the name and the age of the youngest sailor 3. Find the sailor id’s of sailors whose rating is better than some sailor called Bob 4. Find the sailor id’s of sailors whose rating is better than every sailor called Bob. 5. Count the number of different sailor names. 6. Calculate the average age of all sailors. 7. Find the name and the age of the youngest sailor. 8. Find the average age of sailors for each rating level. 9. Find the average age of sailors for each rating level that has at least two sailors. 10. Order the names in ascending order. 11. Find the sailor id’s of sailors with the highest rating 12. Find the name and age of the oldest sailor. |
| **Instructions:**   1. Write and execute the query in Oracle SQL server. 2. Paste the snapshot of the output in input & output section. |
| **Part B** |
| **CREATING TABLE**: |
| **SCHEMA OF THE TABLE :** |
| **INSERTING DATA INTO THE TABLE:** |
| **SAILOR TABLE:** |
| **Code and Output:**  **1** |
| **2** |
| **3** |
| **4** |
| **5** |
| **6** |
| **7** |
| 8 |
| **9** |
| **10** |
| **11** |
| **12** |