# **Assignments 1**

| Analyse the following tables & answer the queries  * **Sample Table Worker**  | **WORKER\_ID** | **FIRST\_NAME** | **LAST\_NAME** | **SALARY** | **JOINING\_DATE** | **DEPARTMENT** | | --- | --- | --- | --- | --- | --- | | 001 | Monika | Arora | 100000 | 2019-06-08 | HR | | 002 | Niharika | Verma | 80000 | 2019-06-02 | Admin | | 003 | Vishal | Singhal | 300000 | 2019-06-03 | HR | | 004 | Amithab | Singh | 500000 | 2019-06-04 | Admin | | 005 | Vivek | Bhati | 500000 | 2019-06-05 | Admin | | 006 | Vipul | Diwan | 200000 | 2019-06-05 | Account | | 007 | Satish | Kumar | 75000 | 2019-06-14 | Account | | 008 | Deepika | Chauhan | 90000 | 2019-06-21 | Admin |  * **Sample Table - Bonus**  | **WORKER\_REF\_ID** | **BONUS\_DATE** | **BONUS\_AMOUNT** | | --- | --- | --- | | 1 | 2020-06-02 | 5000 | | 2 | 2020-06-03 | 3000 | | 3 | 2020-06-04 | 4000 | | 1 | 2020-06-05 | 4500 | | 2 | 2020-06-05 | 3500 |  * **Sample Table - Title**  | **WORKER\_REF\_ID** | **WORKER\_TITLE** | **AFFECTED FROM** | | --- | --- | --- | | 1 | Manager | 2019-06-08 | | 2 | Executive | 2019-06-02 | | 8 | Executive | 2019-06-03 | | 5 | Manager | 2019-06-08 | | 4 | Asst. Manager | 2019-06-02 | | 7 | Executive | 2019-06-03 |        Write an SQL query to fetch “FIRST\_NAME” from the Worker table using the alias name as <WORKER\_NAME>.   Write an SQL query to fetch “FIRST\_NAME” from the Worker table in upper case.  Write an SQL query to fetch unique values of DEPARTMENT from Worker table.  Write an SQL query to find the position of the alphabet (‘a’) in the first name column ‘Amitabh’ from the Worker table. Notes:   * The INSTR method is case-sensitive by default. * Using a Binary operator will make INSTR work as the case-sensitive function.    Write an SQL query to print the FIRST\_NAME from the Worker table after removing white spaces from the right side.  Write an SQL query to print the DEPARTMENT from the Worker table after removing white spaces from the left side.  Write an SQL query to print the FIRST\_NAME from the Worker table after replacing ‘a’ with ‘A’.    1. Write an SQL query to print the FIRST\_NAME and LAST\_NAME from the Worker table into a single column COMPLETE\_NAME. A space char should separate them.    Write an SQL query to print all Worker details from the Worker table order by FIRST\_NAME Ascending.  Write an SQL query to print all Worker details from the Worker table order by FIRST\_NAME Ascending and DEPARTMENT Descending.  Write an SQL query to print details of the Workers whose FIRST\_NAME contains ‘a’.  Write an SQL query to fetch worker names with salaries >= 50000 and <= 100000.  Write an SQL query to fetch the first 50% records from a table.  Write an SQL query to show the last record from a table.    1. Swapping the Values of first name and last name Columns in a worker table |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
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