SQL ASSIGNMENT

Guidelines:

i. *This Assignment is mandatory for everyone.*
ii. *Use the below sample table to solve the below queries.*
iii. *It is mandatory to submit the answer with the screen shot of the output you have received. Otherwise, no marks will be given.*
iv. *If anyone fails to submit the assignment within the last date. He/she will not be evaluated and will be marked -5 marks.*

Sample Table – Worker

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

Tasks:

You have to submit the screen shot of every answer/query with output otherwise no marks will be given.

1. Write an SQL query to fetch "FIRST_NAME" from Worker table using the alias name as <WORKER_NAME>.
2. Write an SQL query to fetch "FIRST_NAME" from Worker table in uppercase.
3. Write an SQL query to fetch unique values of DEPARTMENT from Worker table.
4. Write an SQL query to print the first three characters of FIRST_NAME from Worker table.
5. Write an SQL query to find the position of the alphabet ('a') in the first name column 'Amitabh' from Worker table.
6. Write an SQL query to print the FIRST_NAME from Worker table after removing white spaces from the right side.
7. Write an SQL query to print the DEPARTMENT from Worker table after removing white spaces from the left side.

8. Write an SQL query that fetches the unique values of DEPARTMENT from Worker table and prints its length.
9. Write an SQL query to print the FIRST_NAME from Worker table after replacing 'a' with 'A'.
10. Write an SQL query to print the FIRST_NAME and LAST_NAME from Worker table into a single column COMPLETE_NAME. A space char should separate them.
11. Write an SQL query to print all Worker details from the Worker table order by FIRST_NAME Ascending.
12. Write an SQL query to print all Worker details from the Worker table order by FIRST_NAME Ascending and DEPARTMENT Descending.
13. Write an SQL query to print details for Workers with the first name as "Vipul" and "Satish" from Worker table.
14. Write an SQL query to print details of workers excluding first names, "Vipul" and "Satish" from Worker table.
15. Write an SQL query to print details of Workers with DEPARTMENT name as "Admin".
16. Write an SQL query to print details of the Workers whose FIRST_NAME contains 'a'.
17. Write an SQL query to print details of the Workers whose FIRST_NAME ends with 'a'
18. Write an SQL query to print details of the Workers whose FIRST_NAME ends with 'h' and contains six alphabets.
19. Write an SQL query to print details of the Workers whose SALARY lies between 100000 and 500000.
20. Write an SQL query to print details of the Workers who have joined in Feb'2014.
21. Write an SQL query to fetch the count of employees working in the department 'Admin'.
22. Write an SQL query to fetch worker names with salaries >= 50000 and <= 100000.
23. Write an SQL query to fetch the no. of workers for each department in the descending order.
24. Write an SQL query to show only odd rows from the table.
25. Write an SQL query to show the top 10 records of the table in terms of salary.
26. Write an SQL query to fetch the list of employees with the same salary.
27. Write an SQL query to show the second highest salary from a table.
28. Write an SQL query to fetch the departments that have less than five people in it.
29. Write an SQL query to show all departments along with the number of people in there.
30. Write an SQL query to show the last record from a table.