LAB EXPERIMENT NO – 06

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

Sample Table – Bonus		
WORKER_REF_ID	BONUS_DATE	BONUS_AMOUNT
001	2016-02-20	5000
002	2016-06-11	3000
003	2016-02-20	4000
001	2016-02-20	4500
002	2016-06-11	3500

Query

1. Create a view like "vwEmployeeSalaryDetails" in this view find number of Worker of each department, average and summation of that Amount.

2. Create a view like "vwEmployeeDetails" in this view find the 'Amount according to Department, BonusDate, Name, Salary who's Amountbetween 5000 to 4000.

3. Using "vwEmployeeDetails" views Update Name "Hello"whoseBranch_Name is "salary"

4. Create a view like "vwWorkersBonus" in this view to find the position of the alphabet ('a') in the first name column 'Amitabh' from Worker table.

5. Create a view like "vwWorkersBonus" in this view fetches the unique values of DEPARTMENT from Worker table and prints its length.

6. Write a SQL query to find the rank of worker within each department.

7. Write a SQL query to find the rank of management Team according to their joining Date.

8. Create a view like "vwWorkersBonus" in this view to print the FIRST_NAME from Worker table after replacing 'a' with 'A'.

9. Create a view like "vwWorkersBonus" in this view to print the FIRST_NAME and LAST_NAME from Worker table into a single column COMPLETE_NAME. A space char should separate them.

10. Create a view like "vwWorkersBonus" in this view to print all Worker details from the Worker table order by FIRST_NAME Ascending.

11. Create a view like "vwWorkersBonus" in this view to print all Worker details from the Worker table order by FIRST_NAME Ascending and DEPARTMENT Descending.

12. Create a view like "vwWorkersBonus" in this view to print details for Workers with the first name as "Vipul" and "Satish" from Worker table.

13. Write an SQL query to find the position of the alphabet ('a') in the first name column 'Alamgir' from Worker table.

14. Write an SQL query to print the FIRST_NAME from Worker table after removing white spaces from the right side.

15. Write an SQL query to print the DEPARTMENT from Worker table after removing white spaces from the left side.

16. Create a view like "vwWorkersBonus" in this view to print details of workers excluding first names, "Vipul" and "Satish" from Worker table.

17. Create a view like "vwWorkersBonus" in this view to print details of Workers with DEPARTMENT name as "Admin".

18. Write a SQL query to show worker name, bonus and Rank according to salary and rearrange the project according to salary ascending order.

19. Create a view like "vwWorkersBonus" in this view to print details of the Workers whose SALARY lies between 100000 and 500000.

20. Create a view like "vwWorkersBonus" in this view to print details of the Workers who has joined in Feb'2014.