27.8.21 – Exercise II (Operators and Functions)

1. Find the male employee names having salary greater than 75000$.
2. Find the employee names whose salary falls in the range of 50000 and 80000.
3. Find all the employees who have no supervisor.
4. Get the employee names whose bdate not later than 1998.
5. Retrieve the employee names whose first name start with 'L' and have 5 characters in total.
6. Find the employee details whose middle initial is null.
7. Display the department names that ends with 'i'.
8. Display the names of all the employees having supervisor with any of the following SSN 554433221, 333445555.
9. Display all the department names in upper case and lower case.
10. Display the first four characters of the department names using substring function.
11. Display the substring of the address (starting from 5th position to 11 th position) of all employees.
12. Display the Mgrstartdate on adding two months to it.
13. Display the age of all the employees rounded to two digits.
14. Find the last day and next day of the month in which each manager has joined.
15. Replace the string 'na' from 'Ramana' by 'sri'.
16. Print the length of all the department names.
17. Print the system date in the format 25 th May 2021.
18. Display the date after 8 months from current date.
19. Display the next occurrence of Friday in this month.
20. Display the project location padded with **** on left side.

3.9.21 – Exercise III (Group Functions)

1. How many different departments are there in the 'employee' table?
2. For each department display the least and highest employee salaries along with department number.
3. Print the number of projects on which each employee is working on.
4. Retrieve total number of hours spent on projects by each employee.
5. Count the number of employees over 30 age.
6. Display the department number which contains more than 3 employees.
7. Calculate the average salary of employees in each department.
8. Count the number of dependents for each employee.
9. Count the number of employees based on the seniority.
10. Count the number of employees who works in 'manufacture' department