**EXPERIMENT NO. 5**

**AIM:** Implementation of Simple SQL Query

**THEORY:**

**Simple Query:**

SQL is a structured query language. SELECT:

SELECT statement returns a result set of records from one or more tables.

The select statement has optional clauses:

•WHERE specifies which rows to retrieve

•GROUP BY groups rows sharing a property so that an aggregate function can be applied to each group having group.

•HAVING selects among the groups defined by the GROUP BY clause.

•ORDER BY specifies an order in which to return the rows.

**Syntax:**

SELECT<attribute list>

FROM<table list>

WHERE<condition>

Where

•Attribute list is a list of attribute name whose values to be retrieved by the query.

•Table list is a list of table name required to process query.

•Condition is a Boolean expression that identifies the tuples to be retrieved by query.

**Question:**

Employee (empno,ename,jobtitle,joindate,salary,deptno,primary(empno));

1. Display the names of the employees whose department is ‘IT’.
2. Display the names of employees whose job title is manager
3. List all names and join date of employees whose name starts with letter m
4. List names of employees who earn more than rs. 5000/-
5. List name of all employees who joined between 2010 and 2018
6. List all names and join date of employees whose name has letter e as the second letter
7. Display name of employees excluding job title is manager
8. Display employees in descending order of join date
9. Calculate average sal of department no 20
10. Find minimum sal belongs to which employee.