MSD Sanjeevani Public School, Mohan Garden
Subject- Computer Science (with Python)
Class-12ᵗʰ (Non-Med)
Assignment-6 (from ch-12 MYSQL Revision Tour)

Q1 **What is the between operator in MySQL ? explain with example?**

Ans Between operator is used test for numeric values for a given range and both values are included in the testing:

- Select * from Emp where salary>=2000 and salary <=25000;

Will show all columns from emp table, only those employees records having salary above or equal to 2000 and below or equal to 25000. And we can use between operator to get same result , SQL statement will be :

- Select * from Emp where salary between 2000 and 25000;

Both statement shows same result.

Q2: **Explain in operator in MySQL with example?**

Ans In operator can be used to match any value in the given list e.g.

- Select * from emp where dept='Sales' or dept='Stock' or dept='Accounts';

Will show all columns from emp table but those records having dept column value **Sales** or **Stock** or **Account** and same information can be retrieved using in operator in select SQL Statement

- Select * from emp where dept in ('Sales' ,'Stock', 'Accounts');

Both statement shows same result.

Q3: **Explain not in operator in MySQL with example?**

Ans Not in operator is opposite to in operator e.g.

- Select * from emp where dept in ('Sales' ,'Stock', 'Accounts');

Will show all columns from emp table but those records having dept column value **Sales** or **Stock** or **Account** and same information can be retrieved using in operator in select SQL Statement
But if applied :

- Select * from emp where dept in not ('Sales' ,'Stock', 'Accounts');

Will show records not having the department **Sales, Stock or Accounts** and show records of other departments employee.

Q4: **Explain Like operator in MySQL with example?**

Ans Like operator is used for comparison on character string using pattern(patter are used when many values to be compared because for single value comparison is possible using = operator e.g.

- Select from emp where name like "Ramesh%";

Will show all employees records those name begin with Ramesh [e.g. Ramesh Kumar, Ramesh Sharma, Ramesh Verma, Rameshwar etc.