"Exp 7: Demonstrate use of operators."

1] Arithmetic Operators.

A] Reference table: -

	select	* from numbers;			
: :	num1				
1 2 3	10 15 20	5 8 12			
++ 3 rows in set (0.00 sec)					

B] Addition (+):-

C] Subtraction (-):-

D] Multiplication (*):-

E] Division (/) : -

F] Modulus (%):-

G] Exponentiation: -

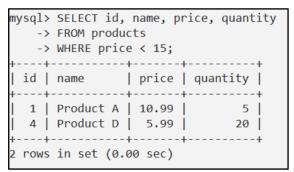
2] Comparison operators.

A] Reference table : -

mysql> select * from products;						
id	name	price	quantity			
	Product A Product B Product C Product D	10.99 15.99 20.99 5.99	5 10 0 20			
4 rows in set (0.00 sec)						

B] Equal to (=):-

C] Less than (<): -



P.T.O →

D] Greater than (>): -

mysql> SELECT id -> FROM prod -> WHERE pri				
id name	price quantity			
2 Product B				
+++				

E] Less than equal to (<=):-

F] Greater than equal to (>=): -

G] Not Equal (<>): -

3] Logical operators.

A] Reference table: -

mysql> select * from emp;						
EmpNo	EName	Salary	Loc	DeptNo	bonus	
			Mumbai Jalgaon Jalgaon Mumbai	22 33 22 22		
4 rows in set (0.00 sec)						

B] AND:-

```
mysql> select * from emp
-> Where DeptNo = 33 AND Salary > 65000;
+-----+
| EmpNo | EName | Salary | Loc | DeptNo | bonus |
+----+
| 412 | Bhuvan | 70000 | Jalgaon | 33 | 3000 |
+----+
1 row in set (0.01 sec)
```

C] OR:-

mysql> select * from emp -> Where salary < 70000 OR DeptNo = 33; +						
EmpNo	EName	Salary	Loc	DeptNo	bonus	
1 412 522	John Bhuvan Tushar	50000 70000 68000	Mumbai Jalgaon Mumbai	22 33 22	2500 3000 4000	
3 rows in set (0.00 sec)						

D] NOT:-

```
mysql> select * from emp
-> Where NOT Loc = 'Mumbai';
+----+
| EmpNo | EName | Salary | Loc | DeptNo | bonus |
+----+
| 412 | Bhuvan | 70000 | Jalgaon | 33 | 3000 |
| 512 | Krishna | 80000 | Jalgaon | 22 | 3500 |
+----+
2 rows in set (0.00 sec)
```