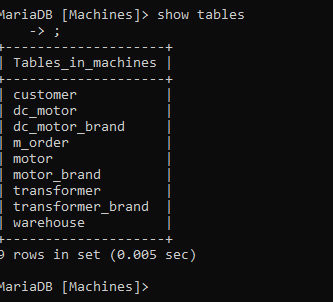
Name : Anand Nandkumar Kadale

PRN : 21620003

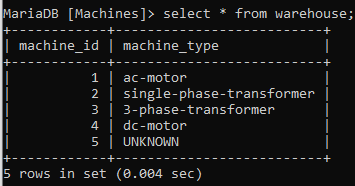
**Database Engineering Lab**

Database on Electrical Machines which has tables as given below :

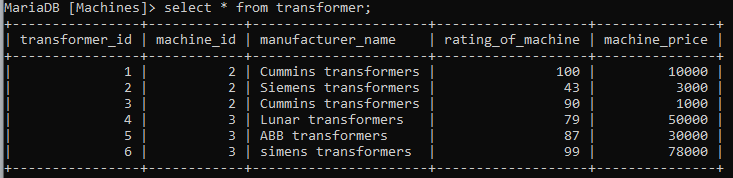
1. Show Tables :



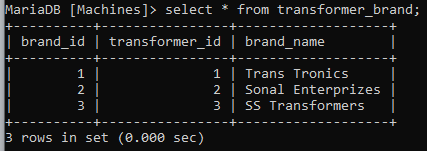
1. Warehouse contents :



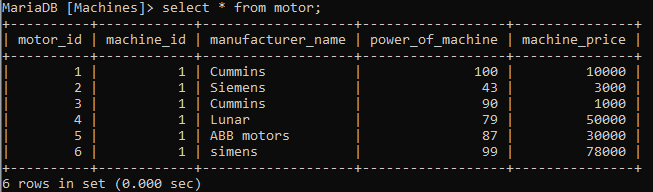
1. Transformer contents :



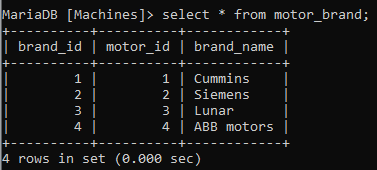
1. Transformer\_brand contents :



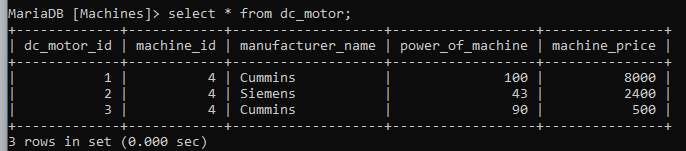
1. Motor Content :



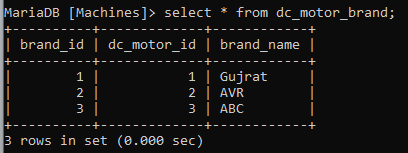
1. Motor\_Brand Content :



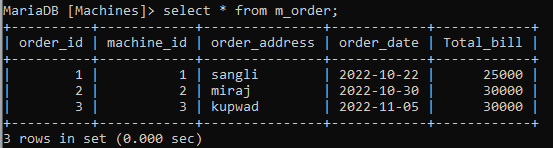
1. Dc Motor contents :



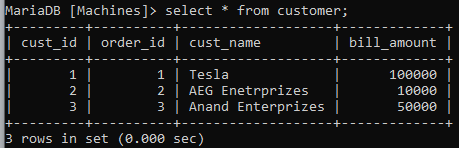
1. DC Motor Brand contents :



1. Machine Order (m\_order) contents :



1. Customer Contents :

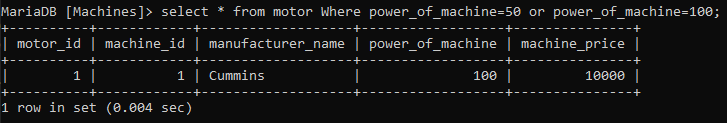


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|  |  |  |  |  |  |  |  |  |  |  |

* **Queries :**

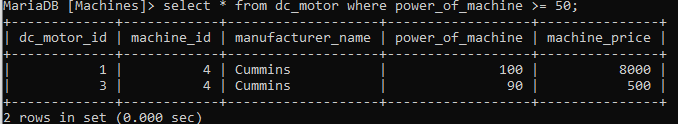
1. Logical Operator :

Query : select \* from machines where power\_of\_machine=50 or power\_of\_machine=100;



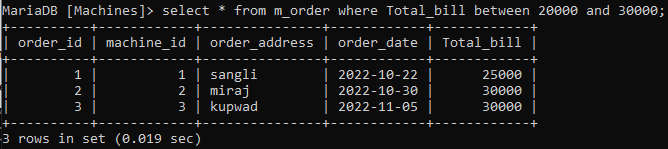
1. Comparison Operator :

Query : select \* from dc\_motor where power\_of\_machine >= 50;



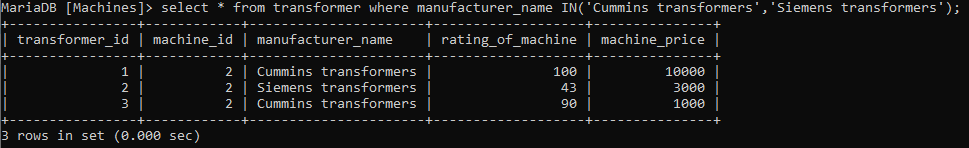
1. Range Operator :

Query : select \* from m\_order where Total\_bill between 20000 and 30000;



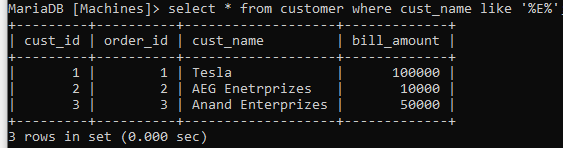
1. In Clouse :

Query : select \* from transformer where manufacturer\_name IN(‘Cummins transformer’,’Siemens transformer’);



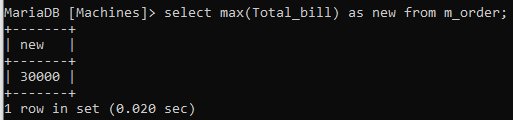
1. Like Clouse :

Query : select \* from customer where cust\_name like '%E%';



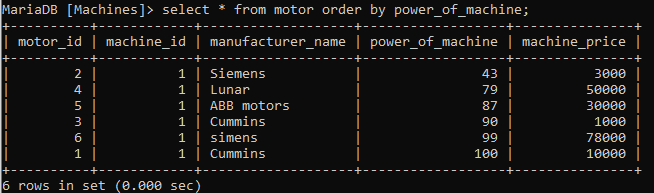
1. Agregation Clouse :

Query : select max(Total\_bill) as new from m\_order;



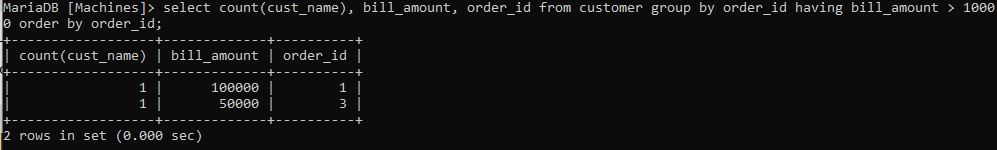
1. Order by clouse :

Query: select \* from motor order by power\_of\_machine;



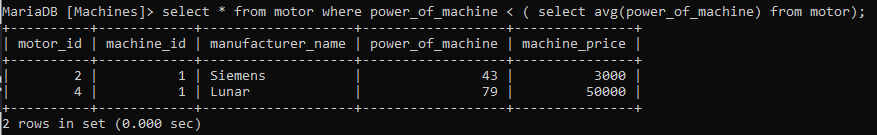
1. Having Clouse :

Query : select count(cust\_name), bill\_amount, order\_id from customer group by order\_id having bill\_amount > 10000 order by order\_id;



1. Nested Query :

Query : select \* from motor where power\_of\_machine < ( select avg(power\_of\_machine) from motor);



1. Between Clouse :

Query : select \* from motor where machine\_price not between 1000 and 30000;

