**ASSESSMENT – 3**

1. Create a table: order\_details with the following columns and load 10 records in it . also please write a query to test each columns constraints
   1. Order\_id (PRIMARY KEY)
   2. Cust\_id (NOT NULL)
   3. Product\_name (NOT NULL)
   4. Amount
   5. Booked\_date
   6. Paid\_by
2. Write a CASE statement to print all the columns from order\_details table along with new column:Category which shows whether it is small order/medium order/high order based on the amount paid on each order. (amount < 10000 => small order, amount > 10000 and < 50000 = Medium order, all others are high order)
3. Create a customer table with the following details
   1. Cust\_id primary key
   2. Custname not null
   3. Age check the age should be between 18 – 100
   4. City not null default Bangalore
   5. Contact
4. Create a transaction\_table with the following details
   1. Trans\_id primary key
   2. Cust\_id foreign key that refers the cust\_id in customer table
   3. Prod\_name not null
   4. Amount not null
   5. Paid\_by
5. Write a INNER join query to get the all order placed by the registered customer
6. Write the LEFT join query to get the list of registered customer who did not made any transaction
7. Write a RIGHT join query to get the list of transaction made by unregistered customers
8. Write a cross join query joining both customer and transaction table
9. Write all constrains name and usage
10. Write all data types
11. Get the sum of amount transacted by people from each city joining both customer and transaction table