

Name - Kheer Sagar Pany'a
Roll no - 0100419020020



Q41.
Ans:- A JOIN clause is used to combine rows from two or more tables, based on a related column between them

Ex:-
Order table.

OrderID:	CustomerID	order date
1	8	2002-09-18
2	9	1996-09-19
3	10	1996-09-20

Customers table.

CustomerID	CustomerName	ContactName	Country
8	Alfreds	Maria	USA
9	And	Ang	USA
10	Antinpo	Antonio	USA

Here "CustomerID" column in the 'orders' table refers to the "CustomerID" in the 'Customers' Table. The relationship between the two tables above is the "CustomerID" column.

Then, we create the following sql statement

```
select Orders.OrderID, Customers.CustomerName,  
       Orders.OrderDate  
from Orders.
```

INNER JOIN Customers ON Orders.CustomerID =
Customers.CustomerID

Different type of Join.

- ① Inner Join:- Returns values that have matching values in both tables.
- ② Left Join:- Returns all records from the left table, and the matched records from the right table.
- ③ Right :- Returns all records from the right table, and the matched records from the left table.
- ④ Full :- Returns all records when there is a match in either left or right table.