

Important commands used in session 11-05-2021

1) Create a Table for Employee

```
create table Employees(emp_id int, emp_name  
varchar(255),job_name varchar(255),manage_id  
int,hire_date varchar(255),salary int,commision  
varchar(255),dep_id int );
```

2) Fill data in that

3) ALTER TABLE Employees ADD primary key(emp_id);

4) CREATE TABLE Orders (OrderID int NOT NULL
PRIMARY KEY, OrderNumber int NOT NULL,
id int);

5) ALTER TABLE Orders ADD FOREIGN KEY (id)
REFERENCES Employees(emp_id);

6) insert into orders values(222,20002,2);

7) select * from Employees;

8) select * from orders;

9) select emp_id,emp_name,salary from Employees;

10) select emp_id,emp_name,salary from Employees where
salary<2400;

11) select emp_id,emp_name,salary,dep_id from Employees
where salary<2400 and dep_id<50;

12) select COUNT(emp_id) from employees;

13) select AVG(salary) from employees;

- 14) SELECT COUNT(emp_id), emp_name
FROM Employees
GROUP BY salary;
- 15) SELECT COUNT(emp_id), emp_name FROM
Employees GROUP BY salary ORDER BY salary
DESC;
- 16) SELECT COUNT(emp_id), emp_name FROM
Employees GROUP BY salary HAVING salary>2000
ORDER BY salary ASC;
- 17) SELECT Orders.OrderID, Employees.emp_name FROM
Orders INNER JOIN Employees ON Orders.iD =
Employees.emp_id ;
- 18) SELECT Orders.OrderID, Employees.emp_name FROM
Orders LEFT JOIN Employees ON Orders.iD =
Employees.emp_id ;
- 19) SELECT Orders.OrderID, Employees.emp_name FROM
Orders RIGHT JOIN Employees ON Orders.iD =
Employees.emp_id ;
- 20) SELECT emp_name,id FROM Employees FULL JOIN
Orders ON emp_id =id;