

Name:

Class:B.Sc(IT) Sem-1 Div-A

Sub:DBMS

Assignment-2 aim:sql statement with where clause

Create table IT\_Dept

```
(
Dept_Code varchar2(3),
Dept_Name varchar2(20)
);
```

Create table IT\_Emp

```
(
Emp_Code varchar2(3),
Emp_Name varchar2(20),
JoinDate date,
Designation varchar(20),
BasicSalary decimal(10,2),
Dept_Code varchar2(3)
);
```

- **Query for Inserting Records in IT\_Dept table and IT\_Emp table**

```
Insert into IT_Dept
Values('101','Development');
Insert into IT_Dept
Values('102','Accounting');
Insert into IT_Dept
Values('103','Creative');
Insert into IT_Dept
Values('104','Communication');
Insert into IT_Dept
Values('105','Advertisement');
Insert into IT_Dept
Values('106','CS');
```

```
insert into IT_Emp
values('E01','Ram','10-05-2002','JuniorDeveloper',2500,'101');
insert into IT_Emp
values('E02','Shyam','11-22-1999','SeniorAccountant',8000,'102');
insert into IT_Emp
values('E03','lakshman','12-14-2005','JuniorComunicator',2500,'104');
insert into IT_Emp
values('E04','Shrey','01-26-2000','SeniorAdvertiser',10000,'105');
insert into IT_Emp
values('E05','Devendra','12-24-1998','SeniorCreation',10000,'103');
insert into IT_Emp
values('E06','Savi','11-05-2006','JuniorCS',2500,'106');
insert into IT_Emp
values('E07','Shourya','02-05-2003','SeniorCS',8000,'106');
insert into IT_Emp
values('E08','Priya','06-20-2000','SeniorDeveloper',8000,'101');
insert into IT_Emp
values('E09','Prem','07-15-2001','SeniorComunicator',10000,'104');
insert into IT_Emp
values('E10','Ronak','06-05-2006','JuniorAccountant',3000,'102');
insert into IT_Emp
values('E11','Rahul','05-25-2007','JuniorAdvertiser',5000,'105');
```

- **& 3)Display All records of both tables**

```
select * from IT_Dept
```

```
select * from IT_Emp
```

DEPT_CODE		DEPT_NAME			
102		Accounting			
103		Creative			
104		Communication			
105		Advertisement			
106		CS			
101		Development			
EMP_CODE	EMP_NAME	JOINDATE	DESIGNATION	BASICSALARY	DEPT_CODE
E05	Devendra	12/24/1998	SeniorCreation	10000	103
E06	Savi	11/05/2006	JuniorCS	2500	106
E07	Shourya	02/05/2003	SeniorCS	8000	106
E08	Priya	06/20/2000	SeniorDeveloper	8000	101
E11	Rahul	05/25/2007	JuniorAdvertiser	5000	105
E01	Ram	10/05/2002	JuniorDeveloper	2500	101
E02	Shyam	11/22/1999	SeniorAccountant	8000	102
E03	lakshman	12/14/2005	JuniorComunicator	2500	104
E04	Shrey	01/26/2000	SeniorAdvertiser	10000	105
E09	Prem	07/15/2001	SeniorComunicator	10000	104

#### 4)query to display employee name and dseignation of all employee

```
select EMP_Name,Designation
from IT_Emp
```

EMP_NAME	DESIGNATION
Devendra	SeniorCreation
Savi	JuniorCS
Shourya	SeniorCS
Priya	SeniorDeveloper
Rahul	JuniorAdvertiser
Ram	JuniorDeveloper
Shyam	SeniorAccountant
lakshman	JuniorComunicator
Shrey	SeniorAdvertiser
Prem	SeniorComunicator

#### 5)query tob display only department name from department table

```
select Dept_name
from IT_Dept
```

DEPT_NAME
Accounting
Creative
Communication
Advertisement
CS
Development

## 6. display employe dode, employee name and joining date whose salary is more than 5000

```
select Emp_code,Emp_name,JoinDate
from IT_Emp
where(BasicSalary='5000')
```

EMP\_CODEEMP\_NAMEJOINDATEE11Rahul05/25/2007

**7. display employee code and employee designation whose name started with 'S' character**

```
select Emp_code,Designation
from IT_Emp
where Emp_Name
like'S%'
```

EMP_CODE	DESIGNATION
E06	JuniorCS
E07	SeniorCS
E02	SeniorAccountant
E04	SeniorAdvertiser

**8. display all the records of employee who are working on department '101'**

```
select * from IT_Emp
where Dept_Code
like '101'
```

EMP_CODE	EMP_NAME	DESIGNATION	BASICSALARY	DEPT_CODE
E01	Arham	Accountant	8000	101
E02	Shyam	Jr.Accountant	4500	101

**9. display all the records of employee whose designation is manager or basic salary is less than 5000**

```
select * from IT_Emp
where Designation='Manager' or BasicSalary<5000
```

**10. display empcode and employee name whose dept code is '105'**

```
select Emp_code,Emp_name
from IT_Emp
where Dept_code='105'
```

**11. retrieve the department code whose department name is 'cs'**

```
select Dept_Code
from IT_Dept
where Dept_Name='CS'
```

DEPT_CODE
105

**12. retrieve all the records whose employee code is 'e03','e05' or 'e06'.**

```
select * from IT_Emp
where Emp_Code in ('E03','E05','E06')
```

EMP_CODE	EMP_NAME	DESIGNATION	BASICSALARY	DEPT_CODE
E03	Om	Manager	10000	102
E05	Shrey	Sr.Programmer	8000	103
E06	Priya	Jr.Programmer	4500	103

**13. retrieve the employee name whose basic salary is 8000 and code of employee is 'e05'**

```
select Emp_name
from IT_Emp
where BasicSalary='8000' and Emp_Code='E05'
```

**14. display all the records of employee who are working on department '101' and 2<sup>nd</sup>**

**character of employee name should be 'r'**

```
select * from IT_Emp
where Dept_code='101' and Emp_Name
like '_r%'
```

EMP_CODE	EMP_NAME	DESIGNATION	BASICSALARY	DEPT_CODE
E01	Arham	Accountant	8000	101

**15. display all the records of employee whose designation is not 'accountant' and basic salary is less than 7000.**

```
select * from IT_emp
where Designation!='Accountant' and BasicSalary<7000
```

EMP_CODE	EMP_NAME	DESIGNATION	BASICSALARY	DEPT_CODE
E02	Shyam	Jr.Accountant	4500	101
E06	Priya	Jr.Programmer	4500	103
E08	Muffy	Jr.Developer	5000	104
E09	Rohan	Sr.CS	5000	105
E10	Mohan	Jr.CS	3000	105