



**CHANDIGARH
UNIVERSITY**

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Question –1

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UID = 20BCS2761
BRANCH – BTECH CSE
SEMESTER – 3RD
SUB – DBMS LAB
SEC -13 A
DATE 13 SEPT 2021

Ques : 3

Create table EMP with the following description :

Name Type

EMPNO NOT NULL NUMBER(4)

ENAME VARCHAR2(10)

JOB VARCHAR2(9)

MGR NUMBER(4)

HIREDATE DATE

SAL NUMBER(7,2)

COMM NUMBER(7,2)

DEPTNO NUMBER(3)

AGE NUMBER(3)

ESAL NUMBER

a. Get the description EMP table.

Table created.



b. List all employees details.

TABLE EMP

Column	Null?	Type
EMPNO	NOT NULL	NUMBER(4,0)
ENAME	-	VARCHAR2(10)
JOB	-	VARCHAR2(9)
MGR	-	NUMBER(4,0)
HIREDATE	-	DATE
SAL	-	NUMBER(7,2)
COMM	-	NUMBER(7,2)
DEPTNO	-	NUMBER(3,0)
AGE	-	NUMBER(3,0)
ESAL	-	NUMBER

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10 rows selected.

c. List all employee names and their salaries, whose salary lies between 1500/- and 3500/- both inclusive.

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPTNO	AGE	ESAL
2001	alex	designer	7902	10-JAN-18	1560.5	26.87	20	24	2000
2002	brian	salesman	7902	12-APR-16	2290.5	66.34	10	23	3000
2003	sam	manager	7578	16-JAN-15	3250	100	20	24	3500
2004	peter	designer	7566	25-DEC-17	4000	112.53	25	20	4000
2005	harry	developer	7789	29-AUG-19	3500	76.89	10	20	3500

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5 rows selected.



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d. List all employee names and their and their manager whose manager is 7902 or 7566 Or 7789.

ENAME	SAL
alex	1560.5
brian	2290.5
sam	3250
harry	3500

[Download CSV](#)
4 rows selected.

e. List all employees who belongs to the department 10 or 20.

ENAME	MGR
alex	7902
brian	7902
peter	7566
harry	7789

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4 rows selected.



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Program code :

```
create table EMP(  
EMPNO NUMBER(4) NOT NULL,  
ENAME VARCHAR(10),  
JOB VARCHAR(9),  
MGR NUMBER(4),  
HIREDATE DATE,  
SAL NUMBER(7,2),  
COMM NUMBER(7,2),  
DEPTNO NUMBER(3),  
AGE NUMBER(3),  
ESAL NUMBER  
);
```

```
desc EMP;
```

```
insert into EMP values(2173, 'ashu', 'developer' , 7902, '14/feb/2018' ,1560.50,  
26.87, 20 ,24, 2000 );
```

```
insert into EMP values(2221, 'arpit', 'manager' , 7902, '12/oct/2016' ,2290.50,  
66.34, 10 ,23, 3000 );
```

```
insert into EMP values(2803, 'sameer', 'salesman' , 7578, '16/jan/2015' ,3250,  
100, 20 ,24, 3500 );
```

```
insert into EMP values(1014, 'ravi', 'designer' , 7566, '25/dec/2017' ,4000, 112.53,  
25 ,20, 4000 );
```

```
insert into EMP values(1015, 'surbhi', 'analyst' , 7789, '29/aug/2019' ,3500, 76.89,  
10 ,20, 3500 );
```

```
select * from EMP;
```

```
select ENAME,SAL from EMP where SAL>=1500 and SAL<=3500 ;
```

```
select ENAME,MGR from EMP where MGR in(7902,7566,7789) ;
```



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```
select * from EMP where DEPTNO in(10,20);
```