

DBMS Practical Assignment 2 Solution

Q1.

```
create table worker_master
```

```
(
```

```
workerid int primary key check (workerid > 200),
```

```
wname varchar2(50) not null,
```

```
payperhour int not null check (payperhour between 500 and 1500),
```

```
Specialization varchar2(50) not null check (Specialization in('Marketing','Account','Finance'))
```

```
);
```

```
create table worker_detail
```

```
(
```

```
workerid int primary key references worker_master(workerid),
```

```
job varchar(20) not null,
```

```
doj date not null,
```

```
fixsalary int not null,
```

```
overtime_charges int
```

```
)
```

```
insert all
```

```
into worker_master values(202,'Kiran Morre',1440,'Account')
```

```
into worker_master values(203,'Jaykiran Achharya',1220,'Marketing')
```

```
into worker_master values(204,'Sankalp Patel',720,'Finance')
```

```
into worker_master values(205,'Ridhi Vyas',1200,'Finance')
```

```
into worker_detail values(201,'Manager','02-Mar-1991',45000,5600,'rj@g.com')
```

```
into worker_detail values(202,'Clerk','17-Aug-1992',38450,2400,null)
```

```
into worker_detail values(205,'Clerk','22-Feb-1994',18300,4200,null)
```

```
into worker_detail values(204,'Analyst','19-May-1994',12200,3330,null)
```

select * from dual;

Query 1: select distinct specialization from worker_master

Query 2: select * from worker_detail where TO_CHAR(doj,'yyyy')=1992 and fixsalary > 20000

Query 3: alter table worker_detail add emailid varchar(50)

Query 5: select * from worker_master where wname like '%Morre%'

Query 4: delete from worker_detail where job <> 'Manager' OR overtime_charges is null