

**GAZİ UNIVERCITY COMPUTER ENGINEERING**  
**CENG364 DATABASE APPLICATIONS**  
**Gamze Aksu – 171180005 –Assignment4**

**Q1:**

```
1 create table new_emp (  
2     id_         number(7)  
3     constraint id_emp_pk primary key  
4     constraint id_emp_nn not null ,  
5     last_name   varchar2(25) ,  
6     fist_name   varchar2(25),  
7     dept_id     number(7)  
8     constraint dept_id_fk references departments (department_id)  
9 );|
```

Table created.

**Q2:**

```
10  
17 alter table new_emp  
18 modify (last_name varchar2(70) not null);
```

Table altered.

**Q3:**

```
11 -- 5 lines will be inserted  
12 insert into new_emp values( 1, 'ags', 'jhs', 100);  
13 insert into new_emp values( 2, 'ags', 'jhs', 100);  
14 insert into new_emp values( 3, 'ags', 'jhs', 100);  
15 insert into new_emp values( 4, 'ags', 'jhs', 100);  
16 insert into new_emp values( 5, 'ags', 'jhs', 100);|
```

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

```
18 -- deleting
19 delete from new_emp;
```

5 row(s) deleted.

Q4:

```
11 -- 5 lines will be inserted
12 insert into new_emp values( 1, 'ags', 'jhs', 100);
13 insert into new_emp values( 2, 'ags', 'jhs', 100);
14 insert into new_emp values( 3, 'ags', 'jhs', 100);
15 insert into new_emp values( 4, 'ags', 'jhs', 100);
16 insert into new_emp values( 5, 'ags', 'jhs', 100);
17 commit;
18 --savepoint s1; it doesn't work in live SQL
19 --but we can do the same with savepoint code
20 delete from new_emp;
21 rollback;
22 --rollback to s1;
23 --If this was done with savepoint we would use this code.
24 select * from new_emp;
```

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

Statement processed.

5 row(s) deleted.

Statement processed.

ID_	LAST_NAME	FIST_NAME	DEPT_ID
1	ags	jhs	100
2	ags	jhs	100
3	ags	jhs	100
4	ags	jhs	100
5	ags	jhs	100

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5 rows selected.

Q5:

```
16 alter table new_emp set unused (last_name);
```

```
Table altered.
```

Q6:

```
18 alter table new_emp drop unused columns ;
```

```
Table altered.
```

Q7:

```
22 alter table new_emp  
23 add raise number(3,2) not null
```

```
Table altered.
```

Q8:

```
26 drop table new_emp;
```

```
Table dropped.
```