

```
-- 1)
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```
create table test_data(  
ID integer Not null IDENTITY(1,1),  
class varchar(50) Not Null,  
age integer,  
menopause varchar(200),  
tumor_size integer,  
node_caps varchar(50) ,  
deg_malig integer,  
brest varchar(100),  
breast_quad varchar(200),  
irradiat varchar(50)  
primary key (ID));
```

```
-- 2)
```

```
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',35,'premeno',31,'no',3,'left','left_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',42,'premeno',22,'no',2,'right','right_up','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',30,'premeno',23,'no',2,'left','left_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',61,'ge40',16,'no',2,'right','left_up','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',45,'premeno',2,'no',2,'right','right_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',64,'ge40',17,'no',2,'left','left_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',52,'premeno',27,'no',2,'left','left_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('NO',67,'ge40',21,'no',1,'left','left_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('YES',41,'premeno',52,'no',2,'left','left_low','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('YES',43,'premeno',22,'no',2,'right','left_up','no')  
insert into test_data  
    (class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)  
    Values ('YES',41,'premeno',1,'no',3,'left','central','no')  
insert into test_data
```

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...Asma\Documents\SQL Server Management Studio\SQLQuery1.sql 2
(class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)
Values ('YES',44,'ge40',27,'no',2,'left','left_low','no')
insert into test_data
(class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)
Values ('YES',61,'It40',14,'no',1,'left','right-up','no')
insert into test_data
(class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)
Values ('YES',55,'ge40',26,'no',3,'left','right-up','no')
insert into test_data
(class,age,menopause,tumor_size,node_caps,deg_malig,brest,breast_quad,irradiat)
Values ('YES',44,'premeno',32,'no',3,'left','left_up','no')

-- 3-a)

select * from test_data
where menopause='ge40';

-- 3-b)

select * from test_data
where age <41;

-- 3-c) There is not any record for this Query

select * from test_data
where age <41 and menopause='ge40';

-- 3-d)

select AVG(age) from test_data;

-- 3-e)

select AVG(age) from test_data
where deg_malig=3;

```