```
51
52
53 ● desc airbnb;
54 |
55
56
57
```

100%   ⇕   1:54

Result Grid | ▦ Filter Rows: 🔍 Search | Export: 💾

Field	Type	Null	Key	Default	Extra
listing_ID	varchar(10)	YES		NULL	
Date	date	YES		NULL	
available	char(1)	YES		NULL	
price	float	YES		NULL	

```
 1 ●     create database suman;
 2 ●     use suman;
 3 ● ⊖   create table airbnb(
 4             listing_ID varchar(10),
 5             Date date,
 6             available char,
 7             price float
 8       );
 9
10 ●     select * from airbnb;
11       /*----------- question 1 ---------*/
12 ●     select min(Date) , max(Date) from airbnb;
```

100%   ⇕   1:9

Result Grid | ▦ ↻ Filter Rows: 🔍 Search | Export: 💾

min(Date)	max(Date)
▶ 2016-09-06	2017-09-05

```
15      /* --------- question 2 ------------*/
16      /* 2.1 answer. how many properties have duplicate values*/
17  •   select listing_id,Date,available,price, count(*)
18        from airbnb
19        group by listing_id,Date,available,price
20        having count(*) > 1;
```

100%   14:16

Result Grid | Filter Rows: Search | Export: | Fetch rows:

listing_id	Date	available	price	count(*)
▶ 10004575	2016-09-06	f	NULL	2
10004575	2016-09-07	f	NULL	2
10004575	2016-09-08	f	NULL	2
10004575	2016-09-09	f	NULL	2
10004575	2016-09-10	f	NULL	2
10004575	2016-09-11	f	NULL	2
10004575	2016-09-12	f	NULL	2
10004575	2016-09-13	f	NULL	2
10004575	2016-09-14	f	NULL	2
10004575	2016-09-15	f	NULL	2
10004575	2016-09-16	f	NULL	2
10004575	2016-09-17	f	NULL	2
10004575	2016-09-18	f	NULL	2
10004575	2016-09-19	f	NULL	2
10004575	2016-09-20	f	NULL	2
10004575	2016-09-21	f	NULL	2

Result 12

```
53
54      /*--------- question 2 ---------*/
55      /* 2.2 part answer. Remove duplicate rows (say a row appears 3 times, remove 2 and keep 1)*/
56  •   CREATE TABLE Table3 as
57      SELECT distinct listing_id, date, available, price  FROM airbnb
58      GROUP BY listing_id, date, available, price;
59
60  •   select * from Table3;
61
62
63
64
65
66
67
```

100%   1:59

Result Grid | Filter Rows: Search | Export: | Fetch rows: | | Result Grid / Form Editor

listing_id	date	available	price
▶ 10004575	2016-09-06	f	NULL
10004575	2016-09-07	f	NULL
10004575	2016-09-08	f	NULL
10004575	2016-09-09	f	NULL
10004575	2016-09-10	f	NULL
10004575	2016-09-11	f	NULL
10004575	2016-09-12	f	NULL
10004575	2016-09-13	f	NULL

```
13      /*----------- question 3------------*/
14 •    select listing_id as property,sum(case when available = 't' then 1 else 0 end) as Available,
15      sum(case when available = 'f' then 1 else 0 end) as Unavailable
16      from airbnb
17      group by listing_id;
```

100% ◇ 12:16

Result Grid | Filter Rows: 🔍 Search | Export: 🗄️

property	Available	Unavailable
10009367	0	730
10021398	656	74
10032327	150	580
10033322	358	372
10033710	358	372
10033715	234	496
10034113	358	372
10034183	0	730
10034592	722	8
10034614	358	372
10034930	226	504
10035581	234	496
10036037	234	496
10036192	730	0
10037387	408	322
10048789	234	496
10050351	352	378

Result 14   ℹ️ Read Only

```
18      /*----------- question 4 -----------*/
19 • ⊖ select listing_id ,percent from(
20      select listing_id,(count(case when available ='t' then 1 end)/count(*))*100 as percent
21      from airbnb
22      group by listing_id
23    └ )as temp where percent > 50;
24 • ⊖ select listing_id ,percent from(
25        select listing_id,(count(case when available ='t' then 1 end)/count(*))*100 as percent
26        from airbnb
27        group by listing_id
28    └ )as temp where percent > 75;
```

100% ◇ 29:23

Result Grid | Filter Rows: 🔍 Search | Export: 🗄️

listing_id	percent
▶ 10021398	89.8630
10034592	98.9041
10036192	100.0000
10051649	100.0000
10068240	97.2603
10070404	89.8630
10116095	96.1644
10127270	100.0000
10132073	92.3288
10138904	86.3014
10164759	95.3425
10164810	96.9863
10175033	86.0274
10185646	84.6575

```
29        /*----------- question 5 ---------*/
30 •      select listing_id as property,max(price) as Max,
31        min(price) as Min, avg(price) as Average
32        from airbnb group by listing_id;
33
```

100% ⬍ 1:34

Result Grid | Filter Rows: 🔍 Search   Export: 🖫

property	Max	Min	Average
10009367	NULL	NULL	NULL
10021398	70	70	70
10032327	250	180	222.93333333333334
10033322	422	228	309.07262569832403
10033710	422	228	309.07262569832403
10033715	549	329	422.1623931623932
10034113	537	331	405.7150837988827
10034183	NULL	NULL	NULL
10034592	100	55	68.62049861495845
10034614	537	331	405.7150837988827
10034930	549	329	420.3274336283186
10035581	549	329	422.1623931623932
10036037	509	329	416.2649572649573
10036192	899	449	712.3123287671233
10037387	509	189	264.29411764705884
10048789	549	329	422.6752136752137
10050351	686	339	469.54545454545456
10051003	65	65	65
10051357	649	319	495.5811965811966
10051623	599	319	479
10051649	800	199	342.84109589041094
10051842	800	571	648.5483870967741
10052037	686	457	553.7094017094017

```
33
34
35        /*-----------question 6 -----------*/
36 • ⊖  select listing_id ,price from (
37                select avg(price) as Price, listing_id
38                from airbnb
39                group by listing_id
40           )as temp    where price> 500 ;
```

100% ⬍ 1:34

Result Grid | Filter Rows: 🔍 Search   Export: 🖫

listing_id	price
10051842	648.5483870967741
10052037	553.7094017094017
10052445	524.5855855855856
10052622	551.982905982906
10052824	618.6296296296297
10052920	528.1452991452992
10053032	525.2831858407079
10053454	553.7094017094017
10053549	553.7094017094017
10053928	553.7094017094017
10136854	553.7094017094017
10153536	553.7094017094017
10153739	553.7094017094017
10228764	553.7094017094017
10857914	653.265306122449
10882267	1250
11122394	529.7818791946308
11521541	680