

Create table Passenger with following fields.

PNR No

Ticket No

Name

Age

Gender

Contact No

Success

Tweet

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 describe Passenger;
3
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

Field	Type	Null	Key	Default	Extra
PNR_No	int	YES		NULL	
Ticket_No	int	YES		NULL	
Name	varchar(50)	YES		NULL	
Age	int	YES		NULL	
Gender	varchar(20)	YES		NULL	
Contact_No	bigint	YES		NULL	

Insert values into table and perform following queries.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
3 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(002,102,'Ryan',29,'Male',9876543211);
4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select * from Passenger;
7
```

Save and Run

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

PNR_No	Ticket_No	Name	Age	Gender	Contact_No
1	101	Arjun	25	Male	9876543210
2	102	Ryan	29	Male	9876543211
3	103	Mary	31	Female	9876543212
3	104	Sandra	21	Female	9876542463

Display unique PNR_no of passengers.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
3 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(002,102,'Ryan',29,'Male',9876543211);
4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select distinct PNR_No from Passenger;
7
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

PNR_No
1
2
3

Display name of all male passengers.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
3 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(002,102,'Ryan',29,'Male',9876543211);
4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select Name from Passenger where Gender='Male';
7
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

Name
Arjun
Ryan

Display name of passengers whose age between 29 and 45.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
3 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(002,102,'Ryan',29,'Male',9876543211);
4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select Name from Passenger where Age between 29 and 45;
7
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

Name
Ryan
Mary

Display name of passengers whose name begin with r.

Success Tweet Share 0

```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
3 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(002,102,'Ryan',29,'Male',9876543211);
4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select Name from Passenger where Name like 'R%';
7
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

Name
Ryan

Display sorted list of passengers by name

Success Tweet Share 0

```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
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4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select * from Passenger order by Name asc;
7
```

Save and Run

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

PNR_No	Ticket_No	Name	Age	Gender	Contact_No
1	101	Arjun	25	Male	9876543210
3	103	Mary	31	Female	9876543212
2	102	Ryan	29	Male	9876543211
3	104	Sandra	21	Female	9876542463

Find total no of passengers in table.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
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4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select count(PNR_No)from Passenger;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
count(PNR_No)
4
```

Find minimum and maximum age of passengers.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
3 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(002,102,'Ryan',29,'Male',9876543211);
4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select Age from Passenger where Age=(select min(Age)from Passenger)union select Age from Passenger where Age=(select max(Age)from Passenger);
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

```
Age
21
31
```

Find sum and average age of passengers.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
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4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select sum(Age)as Sum_Age,avg(Age)as Avg_Age from Passenger;
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

Sum_Age	Avg_Age
106	26.5000

Find ticket number of passengers whose name starts with r and ends with n.

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```
1 create table Passenger(PNR_No int(20),Ticket_No int(20),Name varchar(50), Age int(10),Gender varchar(20),Contact_No bigint(50));
2 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(001,101,'Arjun',25,'Male',9876543210);
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4 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,103,'Mary',31,'Female',9876543212);
5 insert into Passenger(PNR_No,Ticket_No,Name,Age,Gender,Contact_No)values(003,104,'Sandra',21,'Female',9876542463);
6 select Ticket_No from Passenger where Name like 'R%n';
```

Run (Ctrl-Enter) MySQL books

Output Input Comments 0

Ticket_No
102