**Create table queries**:

mysql> create database travel;

Query OK, 1 row affected (0.01 sec)

mysql> use travel;

Database changed

mysql> create table passenger(

-> pass\_name varchar(20),

-> category varchar(10),

-> gender char(1),

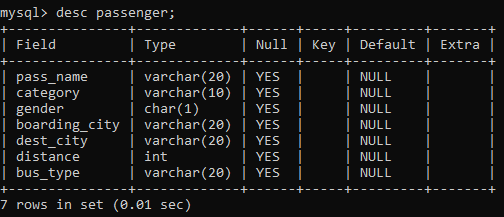
-> boarding\_city varchar(20),

-> dest\_city varchar(20),

-> distance int(10),

-> bus\_type varchar(20));

Query OK, 0 rows affected, 1 warning (0.03 sec)



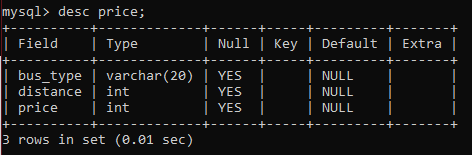
mysql> create table price(

-> bus\_type varchar(20),

-> distance int(10),

-> price int(10));

Query OK, 0 rows affected, 2 warnings (0.02 sec)



**Insert into table queries**:

insert into passenger values("Sejal", "AC", 'F', "Bengaluru", "Chennai", 350, "Sleeper")

insert into passenger values("Anmol", "Non-AC", 'M', "Mumbai", "Hyderabad", 700, "Sitting")

insert into passenger values("Pallavi", "AC", 'F', "Panaji", "Bengaluru", 600, "Sleeper")

insert into passenger values("Khusboo", "AC", 'F', "Chennai", "Mumbai", 1500, "Sleeper")

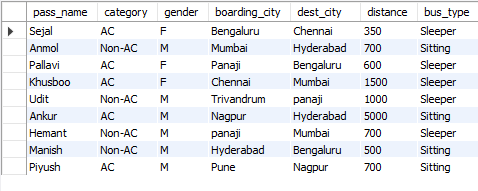
insert into passenger values("Udit", "Non-AC", 'M', "Trivandrum", "panaji", 1000, "Sleeper")

insert into passenger values("Ankur", "AC", 'M', "Nagpur", "Hyderabad", 5000, "Sitting")

insert into passenger values("Hemant", "Non-AC", 'M', "panaji", "Mumbai", 700, "Sleeper")

insert into passenger values("Manish", "Non-AC", 'M', "Hyderabad", "Bengaluru", 500, "Sitting")

insert into passenger values("Piyush", "AC", 'M', "Pune", "Nagpur", 700, "Sitting")



|  |  |
| --- | --- |
| insert into price values("Sleeper", 350, 770)  insert into price values("Sleeper", 500, 1100)  insert into price values("Sleeper", 600, 1320)  insert into price values("Sleeper", 700, 1540)  insert into price values("Sleeper", 1000, 2200)  insert into price values("Sleeper", 1200, 2600)  insert into price values("Sleeper", 1500, 2700)  insert into price values("Sitting", 500, 620)  insert into price values("Sitting", 600, 744)  insert into price values("Sitting", 700, 868)  insert into price values("Sitting", 1000, 1240)  insert into price values("Sitting", 1200, 1488)  insert into price values("Sitting", 1500, 1860) |  |

**Queries**:

1. select count(gender) from passenger where distance>=600



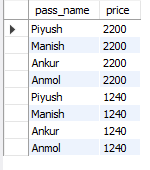
1. select min(price) from price where bus\_type like 'sleeper'



1. select pass\_name from passenger where pass\_name like 'S%'

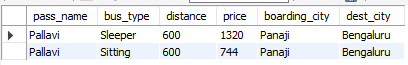


1. select pa.pass\_name, pr.price from passenger pa, price pr where pa.bus\_type like 'sitting' and pr.distance=1000

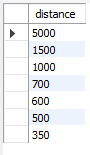


1. select pa.pass\_name, p.\*, pa.boarding\_city, pa.dest\_city from price p, passenger pa

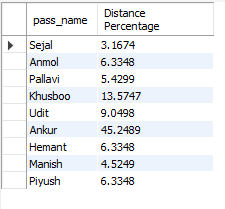
where pa.pass\_name like 'Pallavi' and p.distance=600



1. select distinct distance from passenger order by distance desc



1. select pass\_name, distance\*100/(select sum(distance) from passenger) as 'Distance Percentage' from passenger



1. select distance, price,

case

when price > 1000 then 'Expensive'

when price > 500 and price < 1000 then 'Average'

else 'Cheap'

end as 'Cost'

from price

