









































































Database Management System

Name	Naman Choudhary
SRN	PES2UG20CS209
Section	D









































































Lab 6

SQL – AGGREGATION & GROUPING



















Task 1:

<div> <div>← T →</div> <div>▼</div> </div>				from_station_name	to_station_name	distance
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bangarpet	Bengaluru	71.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bangarpet	Chennai	291.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bangarpet	Katpadi	161.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bangarpet	Sholigur	201.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Bangarpet	71.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Chennai	362.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Katpadi	232.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Mangaluru	503.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Mysore	139.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Sholigur	272.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Subramanya	309.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Bangarpet	290.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Bengaluru	361.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Kannur	350.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Katpadi	129.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Mangaluru	481.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Palakkad	130.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Sholingur	90.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Kannur	Chennai	350.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Kannur	Mangaluru	131.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Kannur	Palakkad	220.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Katpadi	Bangarpet	161.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Katpadi	Chennai	181.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Katpadi	Sholigur	40.0000




Task 2:

← T →				from_station_name	to_station_name	distance
<input type="checkbox"/>	 Edit	 Copy	 Delete	Mangaluru	Bengaluru	504.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Mangaluru	503.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Mangaluru	481.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Mangaluru	Chennai	481.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Mangaluru	Mysore	365.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Mysore	Mangaluru	364.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Chennai	362.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Bengaluru	361.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Mangaluru	Palakkad	351.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Palakkad	Mangaluru	351.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Kannur	350.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Kannur	Chennai	350.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Subramanya	309.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Subramanya	Bengaluru	309.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bangarpet	Chennai	291.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai	Bangarpet	290.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Sholigur	272.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Bengaluru	Katpadi	232.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Palakkad	Kannur	220.0000
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<input type="checkbox"/>	 Edit	 Copy	 Delete	Bangarpet	Sholigur	201.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Sholingur	Bangarpet	200.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	Mangaluru	Subramanya	195.0000
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




Task 3:

<div>←T→</div>				Train_No	distance
<input type="checkbox"/>	 Edit	 Copy	 Delete	58450	280.3333
<input type="checkbox"/>	 Edit	 Copy	 Delete	58451	279.8333
<input type="checkbox"/>	 Edit	 Copy	 Delete	25260	277.1667
<input type="checkbox"/>	 Edit	 Copy	 Delete	25261	277.1667
<input type="checkbox"/>	 Edit	 Copy	 Delete	62621	185.0000
<input type="checkbox"/>	 Edit	 Copy	 Delete	62620	184.4000








Task 4:

<div>←T→</div>				Train_name	MIN(capacity)
<input type="checkbox"/>	 Edit	 Copy	 Delete	Chennai Mail	16

Task 5:

←T→					phone	User_ID
<input type="checkbox"/>	 Edit	 Copy	 Delete	NULL		ADM_001
<input type="checkbox"/>	 Edit	 Copy	 Delete	NULL		USR_006
<input type="checkbox"/>	 Edit	 Copy	 Delete	NULL		USR_010

Task 6:

<div> <div>←T→</div> <div>▼</div> </div>				AVG_FARE	train_type
<input type="checkbox"/>	 Edit	 Copy	 Delete	2.0000	Fast
<input type="checkbox"/>	 Edit	 Copy	 Delete	1.3333	Mail
<input type="checkbox"/>	 Edit	 Copy	 Delete	2.0000	Superfast

Task 7:

User_ID	Firstname	Lastname	age	DOB	phone	pincode	user_type	street_number
USR_008	Ajit	Sethi	56	1966-04-14	NULL	575001	PSGR	6, Poes Garden

Task 8:

COUNT(*)
4