Whispering Journeys

Tours and Travels Database
Section-B | Group T-610
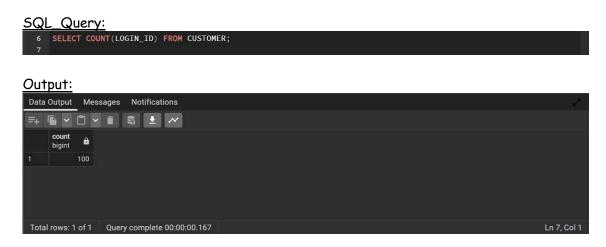
IT-214 Database Management System Project

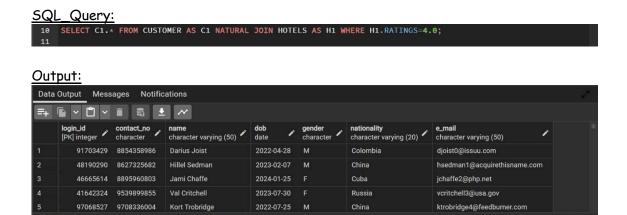Group Details

Maunil Modi	202201490	ICT
Harsh Lad	202201493	ICT
Divy Patel	202201495	ICT
Hitanshu Variya	202201510	ICT + CS

Queries Along with its Outputs

01) List out the total registered customers in the Database.

SQL_Query:

```
6  SELECT COUNT(LOGIN_ID) FROM CUSTOMER;
7
```

Output:

	count bigint
1	100

Data Output · Messages · Notifications

Total rows: 1 of 1 · Query complete 00:00:00.167 · Ln 7, Col 1

02) Select the customers that had lived in 4-star hotel.

SQL_Query:

```
10  SELECT C1.* FROM CUSTOMER AS C1 NATURAL JOIN HOTELS AS H1 WHERE H1.RATINGS=4.0;
11
```

Output:

Data Output · Messages · Notifications

	login_id [PK] integer	contact_no character	name character varying (50)	dob date	gender character	nationality character varying (20)	e_mail character varying (50)
1	91703429	8854358986	Darius Joist	2022-04-28	M	Colombia	djoist0@issuu.com
2	48190290	8627325682	Hillel Sedman	2023-02-07	M	China	hsedman1@acquirethisname.com
3	46665614	8895960803	Jami Chaffe	2024-01-25	F	Cuba	jchaffe2@php.net
4	41642324	9539899855	Val Critchell	2023-07-30	F	Russia	vcritchell3@usa.gov
5	97068527	9708336004	Kort Trobridge	2022-07-25	M	China	ktrobridge4@feedburner.com

Total rows: 100 of 100 · Query complete 00:00:00.243 · Ln 11, Col 1

03) List out top 5 hotels having maximum Stayed_In customers.

SQL_Query:

```
14  SELECT H1.HOTEL_ID, H1.HOTEL_NAME, COUNT(LOGIN_ID) AS NO_OF_STAYED_IN FROM HOTELS
15  AS H1 NATURAL JOIN CUSTOMER AS C1 GROUP BY HOTEL_ID ORDER BY NO_OF_STAYED_IN
16  DESC LIMIT 3;
17
```
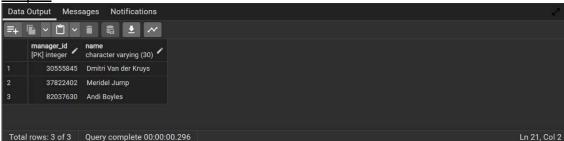
Output:

Data Output   Messages   Notifications

	hotel_id [PK] integer	hotel_name character varying (30)	no_of_stayed_in bigint
1	18746124	Lakeside Manor	100
2	36482785	Whispering Pines Lodge	100
3	21820577	Starlight Plaza Hotel	100

Total rows: 3 of 3   Query complete 00:00:00.270   Ln 14, Col 1

04) List out manager ID, Name of manager assigned to the hotel whose ratings are above 4.

SQL_Query:

```
20  SELECT MANAGER_id, NAME FROM MANAGER NATURAL JOIN HOTELS WHERE RATINGS>=4.0;
21
```
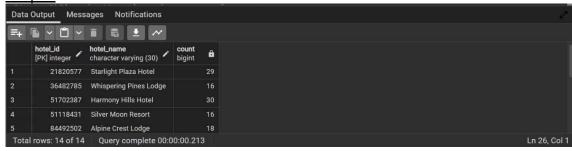
Output:

Data Output   Messages   Notifications

	manager_id [PK] integer	name character varying (30)
1	30555845	Dmitri Van der Kruys
2	37822402	Meridel Jump
3	82037630	Andi Boyles

Total rows: 3 of 3   Query complete 00:00:00.296   Ln 21, Col 2

05) List Hotel ID and Hotel Name having 4 or more hotel accessories.

SQL_Query:

```
24  SELECT H1.HOTEL_ID, H1.HOTEL_NAME, COUNT(H2.ACCESSORY) FROM HOTELS AS H1 NATURAL JOIN
25  HOTEL_ACCESSORIES AS H2 GROUP BY H1.HOTEL_ID HAVING COUNT(H2.ACCESSORY)>10;
```
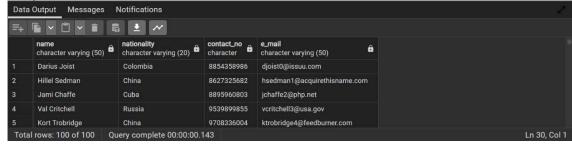
Output:

Data Output | Messages | Notifications

	hotel_id [PK] integer	hotel_name character varying (30)	count bigint
1	21820577	Starlight Plaza Hotel	29
2	36482785	Whispering Pines Lodge	16
3	51702387	Harmony Hills Hotel	30
4	51118431	Silver Moon Resort	16
5	84492502	Alpine Crest Lodge	18

Total rows: 14 of 14   Query complete 00:00:00.213   Ln 26, Col 1

06) List all the customers with contact details, email address and nationality.

SQL_Query:

```
29  SELECT NAME, NATIONALITY, CONTACT_NO,E_MAIL FROM CUSTOMER;
30
```

Output:

Data Output | Messages | Notifications

	name character varying (50)	nationality character varying (20)	contact_no character	e_mail character varying (50)
1	Darius Joist	Colombia	8854358986	djoist0@issuu.com
2	Hillel Sedman	China	8627325682	hsedman1@acquirethisname.com
3	Jami Chaffe	Cuba	8895960803	jchaffe2@php.net
4	Val Critchell	Russia	9539899855	vcritchell3@usa.gov
5	Kort Trobridge	China	9708336004	ktrobridge4@feedburner.com

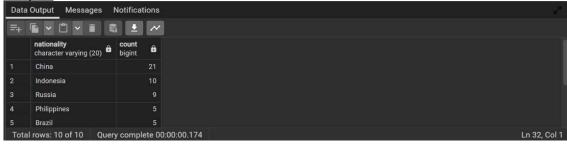Total rows: 100 of 100   Query complete 00:00:00.143   Ln 30, Col 1

07) Give the List of 10 nations whose count of contact No's are maximum.

SQL_Query:

```
32   SELECT NATIONALITY, COUNT(CONTACT_NO) FROM CUSTOMER GROUP BY NATIONALITY ORDER BY COUNT(CONTACT_NO)
33   DESC  LIMIT 10;
34
```

Output:

	nationality character varying (20)	count bigint
1	China	21
2	Indonesia	10
3	Russia	9
4	Philippines	5
5	Brazil	5

Total rows: 10 of 10   Query complete 00:00:00.174   Ln 32, Col 1

08) Calculate average rating given by each customer to each package.

SQL_Query:

```
37   SELECT PACKAGE_ID,ROUND(AVG(RATINGS),1) AS AVERAGE_RATINGS FROM REGISTERED_IN GROUP BY PACKAGE_ID;
38
```
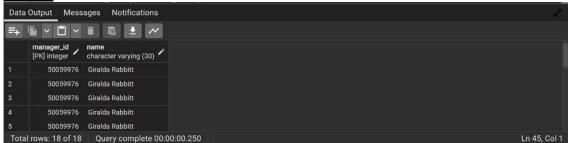
Output:

	package_id integer	average_ratings numeric
1	550473634	4.0
2	532694710	3.9
3	866988638	3.7
4	403059056	4.3
5	247240248	3.7

Total rows: 150 of 150   Query complete 00:00:00.179   Ln 38, Col 1

09) Give the manager name and manager_ID which are assigned to Motels in which hotel type and room type is 'superior'.

SQL_Query:

```
41  SELECT M1.MANAGER_ID, M1.NAME FROM MANAGER AS M1
42  NATURAL JOIN HOTELS AS H1
43  NATURAL JOIN ROOMS AS R1
44  WHERE R1.ROOM_TYPE='superior' AND H1.HOTEL_TYPE='Motels';
45
```

Output:

	manager_id [PK] integer	name character varying (30)
1	50059976	Giralda Rabbitt
2	50059976	Giralda Rabbitt
3	50059976	Giralda Rabbitt
4	50059976	Giralda Rabbitt
5	50059976	Giralda Rabbitt

Total rows: 18 of 18   Query complete 00:00:00.250   Ln 45, Col 1

10) Calculate maximum total revenue generated by each hotel and also show in which hotel type.

SQL_Query:

```
48  SELECT H1.HOTEL_NAME,h1.HOTEL_TYPE,
49  MAX(H1.AVAILABLE_ROOMS*((H2.PRICE_PER_ADULT* H2.MAX_CAPACITY)+(H2.PRICE_PER_CHILD* H2.MAX_CAPACITY)))
50  AS TOTAL_REVENUE
51  FROM HOTELS AS H1
52  NATURAL JOIN ROOMS AS H2 GROUP BY H1.HOTEL_ID;
53
```
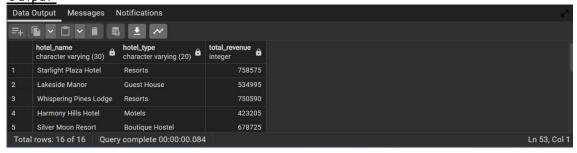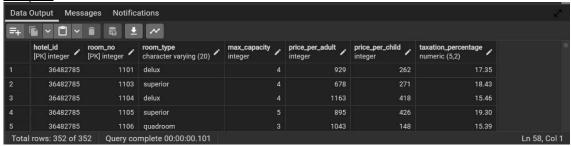
Output:

	hotel_name character varying (30)	hotel_type character varying (20)	total_revenue integer
1	Starlight Plaza Hotel	Resorts	758575
2	Lakeside Manor	Guest House	534995
3	Whispering Pines Lodge	Resorts	750590
4	Harmony Hills Hotel	Motels	423205
5	Silver Moon Resort	Boutique Hostel	678725

Total rows: 16 of 16   Query complete 00:00:00.084   Ln 53, Col 1

11) List rooms whose price_per_child is less than 50 percent of price_per_Adult.

SQL_Query:

```
56  SELECT * FROM Rooms
57  WHERE Price_Per_Child < Price_Per_Adult * 0.5;
58
```
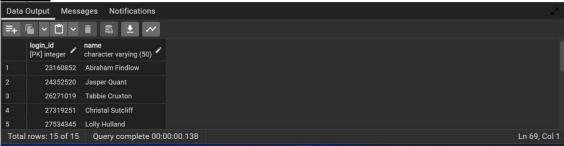
Output:

	hotel_id [PK] integer	room_no [PK] integer	room_type character varying (20)	max_capacity integer	price_per_adult integer	price_per_child integer	taxation_percentage numeric (5,2)
1	36482785	1101	delux	4	929	262	17.35
2	36482785	1103	superior	4	678	271	18.43
3	36482785	1104	delux	4	1163	418	15.46
4	36482785	1105	superior	5	895	426	19.30
5	36482785	1106	quadroom	3	1043	148	15.39

Total rows: 352 of 352   Query complete 00:00:00.101   Ln 58, Col 1

12) List Login_ID's and customer name that had category type = 'Adventure Trip'.

SQL_Query:

```
61  SELECT DISTINCT c.Login_ID, c.Name
62  FROM Customer as c
63  JOIN Travel_Companions as tc ON c.Login_ID = tc.Login_ID
64  JOIN Registered_IN as r ON c.Login_ID = r.Login_ID
65  JOIN Pre_Packages as pp ON r.Package_ID = pp.Package_ID
66  JOIN Attractions as a ON pp.Package_ID = a.Package_ID
67  NATURAL JOIN Place_details as at WHERE at.Category = 'Adventure Trip';
68
```

Output:

	login_id [PK] integer	name character varying (50)
1	23160852	Abraham Findlow
2	24352520	Jasper Quant
3	26271019	Tabbie Cruxton
4	27319251	Christal Sutcliff
5	27534345	Lolly Hulland

Total rows: 15 of 15   Query complete 00:00:00.138   Ln 69, Col 1
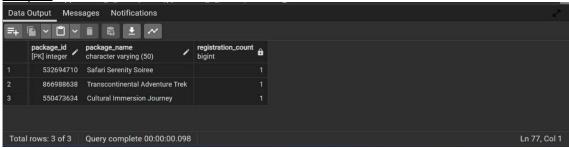
13) List top 3 package details which contains maximum number of registrations.

SQL_Query:

```
71  SELECT pp.Package_ID, pp.Package_Name, COUNT(ri.Registration_ID) AS Registration_Count
72  FROM Pre_Packages AS pp
73  JOIN Registered_IN AS ri ON pp.Package_ID = ri.Package_ID
74  GROUP BY pp.Package_ID, pp.Package_Name
75  ORDER BY Registration_Count DESC
76  LIMIT 3;
77
```
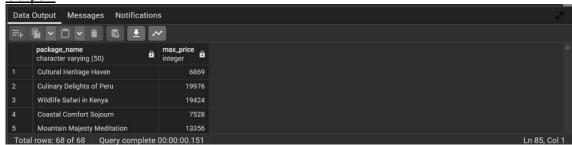
Output:

	package_id [PK] integer	package_name character varying (50)	registration_count bigint
1	532694710	Safari Serenity Soiree	1
2	866988638	Transcontinental Adventure Trek	1
3	550473634	Cultural Immersion Journey	1

Total rows: 3 of 3   Query complete 00:00:00.098   Ln 77, Col 1

14) Give package name and maximum price for packages whose duration is 2am-10pm and season is summer.

SQL_Query:

```
80  SELECT pp.Package_Name, MAX(pp.Package_Price) AS Max_Price
81  FROM Pre_Packages AS pp
82  JOIN Attractions AS a ON pp.Package_ID = a.Package_ID
83  WHERE a.Opening_Time >= '2:00:00' AND a.Closing_Time <= '22:00:00' AND a.Season = 'Summer'
84  GROUP BY pp.Package_Name;
```

Output:

	package_name character varying (50)	max_price integer
1	Cultural Heritage Haven	6869
2	Culinary Delights of Peru	19976
3	Wildlife Safari in Kenya	19424
4	Coastal Comfort Sojourn	7528
5	Mountain Majesty Meditation	13356

Total rows: 68 of 68   Query complete 00:00:00.151   Ln 85, Col 1
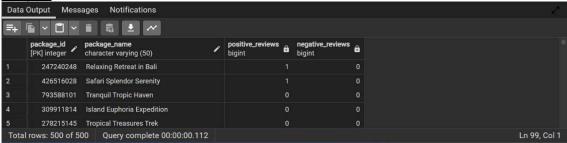
15) count the number of negative and positive review status for each package.

SQL_Query:

```sql
88  SELECT
89      pp.Package_ID,
90      pp.Package_Name,
91      COALESCE(SUM(CASE WHEN ri.Review_status = 'Positive' THEN 1 ELSE 0 END), 0) AS Positive_Reviews,
92      COALESCE(SUM(CASE WHEN ri.Review_status = 'Negative' THEN 1 ELSE 0 END), 0) AS Negative_Reviews
93  FROM
94      Pre_Packages pp
95  LEFT JOIN
96      Registered_IN ri ON pp.Package_ID = ri.Package_ID
97  GROUP BY
98      pp.Package_ID, pp.Package_Name;
```

Output:

	package_id [PK] integer	package_name character varying (50)	positive_reviews bigint	negative_reviews bigint
1	247240248	Relaxing Retreat in Bali	1	0
2	426516028	Safari Splendor Serenity	1	0
3	793588101	Tranquil Tropic Haven	0	0
4	309911814	Island Euphoria Expedition	0	0
5	278215145	Tropical Treasures Trek	0	0

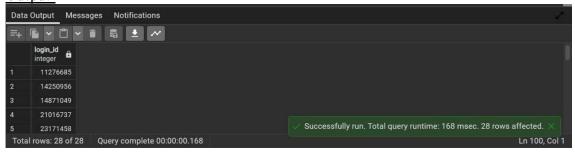Total rows: 500 of 500   Query complete 00:00:00.112   Ln 99, Col 1

16) Identify customer_ID's who had travelled with companions but never booked a package.

SQL_Query:

```sql
102  SELECT DISTINCT tc.Login_ID
103  FROM Travel_Companions AS tc
104  LEFT JOIN Registered_IN AS ri ON tc.Login_ID = ri.Login_ID
105  WHERE ri.Package_ID IS NULL;
106
```

Output:

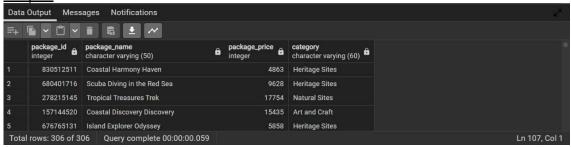|	login_id integer
1	11276685
2	14250956
3	14871049
4	21016737
5	23171458

Successfully run. Total query runtime: 168 msec. 28 rows affected.

Total rows: 28 of 28   Query complete 00:00:00.168   Ln 100, Col 1

17) Give out package_ID's, package_name and maximum package_price for each
    category.

SQL_Query:

```
109  SELECT
110      pp.Package_ID,
111      pp.Package_Name,
112      pp.Package_Price,
113      pd.Category
114  FROM
115      Pre_Packages AS pp
116  JOIN
117      Attractions AS  a ON pp.Package_ID = a.Package_ID
118  JOIN
119      Place_Details pd ON a.Place = pd.Place
120                      AND a.City = pd.City
121                      AND a.State = pd.State
122                      AND a.Country = pd.Country
123                      AND a.Season = pd.Season
124                      AND a.Opening_Time = pd.Opening_Time
125                      AND a.Closing_Time = pd.Closing_Time
126  GROUP BY
127      pp.Package_ID, pp.Package_Name, pp.Package_Price, pd.Category;
```

Output:

	package_id integer	package_name character varying (50)	package_price integer	category character varying (60)
1	830512511	Coastal Harmony Haven	4863	Heritage Sites
2	680401716	Scuba Diving in the Red Sea	9628	Heritage Sites
3	278215145	Tropical Treasures Trek	17754	Natural Sites
4	157144520	Coastal Discovery Discovery	15435	Art and Craft
5	676765131	Island Explorer Odyssey	5858	Heritage Sites

Total rows: 306 of 306   Query complete 00:00:00.059   Ln 107, Col 1

18) Give all of the transportation options for going from Jaipur to Drakensberg.

SQL_Query:

```
157  select transportation_id, departure_date, departure_time, return_date, return_time
158  from transportation where location_from = 'Jaipur' and location_to ='Drakensberg';
159
```

Output:

	transportation_id [PK] character	departure_date date	departure_time time without time zone	return_date date	return_time time without time zone
1	B54065980	2023-03-05	08:47:00	2023-10-14	05:36:00

Total rows: 1 of 1   Query complete 00:00:00.097   Ln 159, Col 1

19) Give names of airline company and number of passengers who travel with duration
of less or equal to 6 hours.

SQL_Query:

```
130  SELECT
131      fd.Airlines_Company,
132      COUNT(*) AS Passengers_Traveled
133  FROM
134      Flight_Details AS fd
135  JOIN
136      Transportation AS t ON fd.Flight_ID = t.Transportation_ID
137  WHERE
138
139      EXTRACT(EPOCH FROM (t.Return_Time - t.Departure_Time)) <= 1*3600
140  GROUP BY
141      fd.Airlines_Company
142  ORDER BY COUNT(*) DESC LIMIT 10;
143
```

Output:

	airlines_company character varying (30)	passengers_traveled bigint
1	Air Asia	3
2	Qatar Airways	3
3	Vistara	3
4	Indigo	3
5	Etihad Airways	2

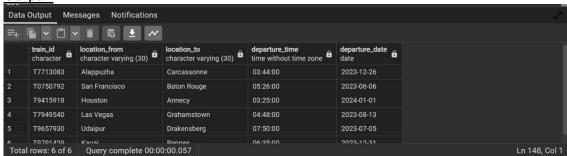Total rows: 7 of 7   Query complete 00:00:00.085   Ln 144, Col 1

20) Give six longest duration train details.

SQL_Query:

```
145  select train_id, location_from, location_to, departure_time, departure_date
146  from transportation join train_details on transportation_id = train_id
147  order by (return_time - departure_time) desc limit 6;
148
```

Output:

	train_id character	location_from character varying (30)	location_to character varying (30)	departure_time time without time zone	departure_date date
1	T7713083	Alappuzha	Carcassonne	03:44:00	2023-12-26
2	T0750792	San Francisco	Baton Rouge	05:26:00	2023-06-06
3	T9415918	Houston	Annecy	03:25:00	2024-01-01
4	T7949540	Las Vegas	Grahamstown	04:48:00	2023-08-13
5	T9657930	Udaipur	Drakensberg	07:50:00	2023-07-05
6	T0791420	Kauai	Rennes	06:25:00	2023-12-31

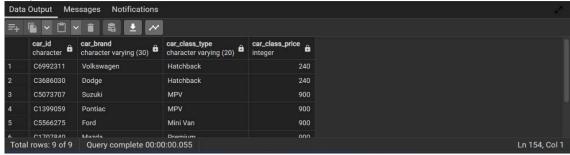Total rows: 6 of 6   Query complete 00:00:00.057   Ln 148, Col 1

21) Give the cheapest car details for 9 cars.

SQL_Query:

```
151   select cd.car_id, cd.car_brand, cc.car_class_type, cc.car_class_price
152   from transportation as t join car_details as cd on t.transportation_id = cd.car_id
153   natural join car_class_price as cc order by cc.car_class_price asc limit 9;
```
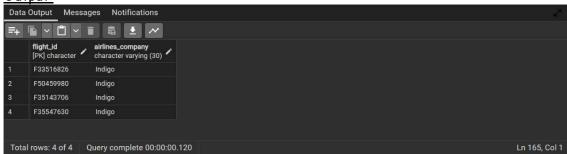
Output:

Data Output   Messages   Notifications

	car_id character	car_brand character varying (30)	car_class_type character varying (20)	car_class_price integer
1	C6992311	Volkswagen	Hatchback	240
2	C3686030	Dodge	Hatchback	240
3	C5073707	Suzuki	MPV	900
4	C1399059	Pontiac	MPV	900
5	C5566275	Ford	Mini Van	900
6	C1707840	Mazda	Premium	900

Total rows: 9 of 9   Query complete 00:00:00.055   Ln 154, Col 1

22) Give all details of all flight available of the indigo Airlines.

SQL_Query:

```
162   select flight_id, airlines_company
163   from transportation join flight_details on transportation_id = flight_id
164   where airlines_company ='Indigo';
165
```

Output:

Data Output   Messages   Notifications

	flight_id [PK] character	airlines_company character varying (30)
1	F33516826	Indigo
2	F50459980	Indigo
3	F35143706	Indigo
4	F35547630	Indigo

Total rows: 4 of 4   Query complete 00:00:00.120   Ln 165, Col 1
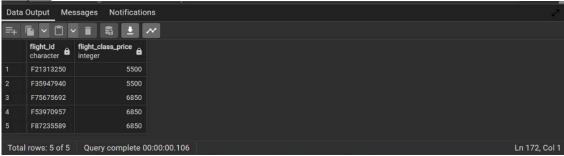
23) List down Top 5 cheapest flight with Economy class.

SQL_Query:

```
168  select fd.flight_id, fc.flight_class_price
169  from transportation as t join flight_details as fd on t.transportation_id = fd.flight_id
170  natural join flight_class_price as fc
171  where fc.flight_class_type = 'Economy' order by fc.flight_class_price asc limit 5;;
172
```

Output:

	flight_id character	flight_class_price integer
1	F21313250	5500
2	F35947940	5500
3	F75675692	6850
4	F53970957	6850
5	F87235589	6850

Total rows: 5 of 5   Query complete 00:00:00.106   Ln 172, Col 1

24) Give all available buses whose starting point is Lucknow.

SQL_Query:

```
175  select bus_id, bus_company, location_from, location_to, departure_time, departure_date
176  from transportation join bus_details on transportation_id = bus_id
177  where location_from = 'Lucknow';
178
```

Output:

	bus_id character	bus_company character varying (70)	location_from character varying (30)	location_to character varying (30)	departure_time time without time zone	departure_da date
1	B01659429	UPSRTC (Uttar Pradesh State Road Transport Corporatio…	Lucknow	Durban	14:45:00	2023-10-29

Total rows: 1 of 1   Query complete 00:00:00.056   Ln 179, Col 1

25) Give the detail of top 5 expensive buses.

SQL_Query:

```
181  select bd.bus_id, bc.bus_class_price, bc.bus_class_type
182  from transportation as t join bus_details as bd on t.transportation_id = bd.bus_id
183  natural join bus_class_price as bc
184  order by bc.bus_class_price desc limit 5;
185
```
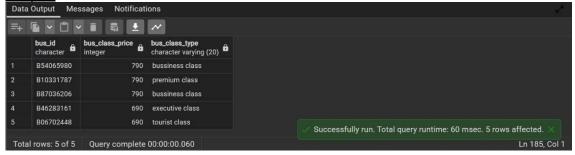
Output:

	bus_id character	bus_class_price integer	bus_class_type character varying (20)
1	B54065980	790	bussiness class
2	B10331787	790	premium class
3	B87036206	790	bussiness class
4	B46283161	690	executive class
5	B06702448	690	tourist class

✓ Successfully run. Total query runtime: 60 msec. 5 rows affected. ✕

Total rows: 5 of 5   Query complete 00:00:00.060   Ln 185, Col 1

26) Give places which has Beaches and are outside of the India.

SQL_Query:

```
187  select place, city, state, country, season
188  from attractions natural join place_details
189  where country != 'India' and category = 'Beaches';
190
```

Output:

	place character varying (60)	city character varying (60)	state character varying (60)	country character varying (60)	season character varying (60)
1	Empire State Building	San Diego	California	USA	Summer
2	Albright-Knox Art Gallery	New York City	New York	USA	Summer
3	Buffalo Zoo	New York City	New York	USA	Autumn
4	South Beach	Albany	New York	USA	Autumn
5	Vizcaya Museum and Gardens	Albany	New York	USA	Autumn
6	Wynwood Walls	Albany	New York	USA	Winter

Total rows: 27 of 27   Query complete 00:00:00.101   Ln 193, Col 25

27) Give the count of flight for the given date and given place.

SQL_Query:

```
193  SELECT t.Departure_Date, t.location_to, count(fd.flight_id)
194  FROM Transportation as t
195  JOIN Flight_Details fd ON t.Transportation_ID = fd.Flight_ID
196  natural JOIN Flight_Class_Price fcp
197  GROUP BY t.Departure_Date, t.location_to;
198
```

Output:

Data Output   Messages   Notifications

	departure_date date	location_to character varying (30)	count bigint
1	2023-05-19	Kimberley	4
2	2023-06-26	Caen	4
3	2023-02-23	Lafayette	4
4	2023-05-15	Quimper	4
5	2023-07-25	Upington	4
6	2023-05-16	Paris	4

✓ Successfully run. Total query runtime: 102 msec. 30 rows affected. ✕

Total rows: 30 of 30   Query complete 00:00:00.102   Ln 198, Col 1

28) Give Class-wise price for buses of the HRTC (Himachal Road Transport Corporation).

SQL_Query:

```
201  select bd.bus_id, bc.bus_class_price, bc.bus_class_type
202  from transportation as t join bus_details as bd on t.transportation_id = bd.bus_id natural join bus_class_price
203  where bd.bus_company = 'HRTC (Himachal Road Transport Corporation)';
204
```
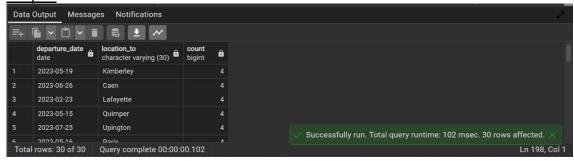
Output:

Data Output   Messages   Notifications

	bus_id character	bus_class_price integer	bus_class_type character varying (20)
1	B44399161	510	tourist class
2	B19707733	570	Economy class
3	B52287028	600	Economy class
4	B10331787	790	premium class
5	B46283161	690	executive class
6	B54065980	790	bussiness class

Total rows: 6 of 6   Query complete 00:00:00.084   Ln 204, Col 1
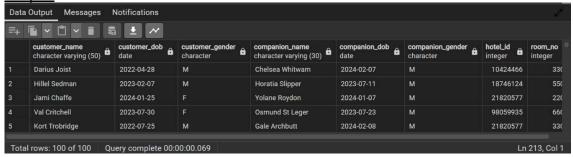
29) Find the customers who have stayed in a hotel along with their companion's details.

SQL_Query:

```
207   SELECT c.Name AS Customer_Name, c.DOB AS Customer_DOB, c.Gender AS Customer_Gender,
208          tc.Companion_Name, tc.DOB AS Companion_DOB, tc.Gender AS Companion_Gender,
209          s.Hotel_ID, s.Room_No
210   FROM Customer AS c
211   JOIN Travel_Companions AS tc ON c.Login_ID = tc.Login_ID
212   JOIN Stayed_IN AS s ON c.Login_ID = s.Login_ID AND tc.Companion_Name = s.Companion_Name;
213
```

Output:

	customer_name character varying (50)	customer_dob date	customer_gender character	companion_name character varying (30)	companion_dob date	companion_gender character	hotel_id integer	room_no integer
1	Darius Joist	2022-04-28	M	Chelsea Whitwam	2024-02-07	M	10424466	330
2	Hillel Sedman	2023-02-07	M	Horatia Slipper	2023-07-11	M	18746124	550
3	Jami Chaffe	2024-01-25	F	Yolane Roydon	2024-01-07	M	21820577	220
4	Val Critchell	2023-07-30	F	Osmund St Leger	2023-07-23	M	98059935	660
5	Kort Trobridge	2022-07-25	M	Gale Archbutt	2024-02-08	M	21820577	330

Total rows: 100 of 100   Query complete 00:00:00.069   Ln 213, Col 1

30) Retrieve the Top 5 attractions based on customer's ratings.

SQL_Query:

```
215   SELECT a.Place, a.City, a.State, a.Country, a.Season, a.Opening_Time, a.Closing_Time,
216          ROUND(AVG(ri.Ratings),1) AS Average_Rating
217   FROM Attractions AS a
218   JOIN Registered_IN AS ri ON a.Package_ID = ri.Package_ID
219   GROUP BY a.Place, a.City, a.State, a.Country, a.Season, a.Opening_Time, a.Closing_Time
220   ORDER BY Average_Rating DESC
221   LIMIT 5;
```

Output:

	place character varying (60)	city character varying (60)	state character varying (60)	country character varying (60)	season character varying (60)	opening_time time without time zone
1	Central Park	San Diego	California	USA	Summer	08:56:00
2	Na Pali Coast State Park	Maui	Hawaii	USA	Summer	08:09:00
3	Robbers Cave	Dehradun	Uttarakhand	India	Summer	10:09:00
4	Pearl Harbor National Memorial	Tampa	Florida	USA	Summer	09:38:00
5	Garden of the Gods	Denver	Colorado	USA	Autumn	11:28:00

Total rows: 5 of 5   Query complete 00:00:00.116   Ln 222, Col 1

31) Give Total bookings of each transportation type.

SQL_Query:

```
224
225  SELECT
226      CASE
227          WHEN LEFT(t.Transportation_ID, 1) = 'F' THEN 'Flight'
228          WHEN LEFT(t.Transportation_ID, 1) = 'B' THEN 'Bus'
229          WHEN LEFT(t.Transportation_ID, 1) = 'T' THEN 'Train'
230          WHEN LEFT(t.Transportation_ID, 1) = 'C' THEN 'Car'
231
232      END AS Transportation_Type,
233      COUNT(r.Package_ID) AS Total_Bookings
234  FROM
235      Transportation t
236  LEFT JOIN
237      Pre_Packages p ON t.Transportation_ID = p.Transportation_ID
238  LEFT JOIN
239      Registered_IN r ON p.Package_ID = r.Package_ID
240  GROUP BY
241      LEFT(t.Transportation_ID, 1)
242  ORDER BY
243      Total_Bookings DESC;
244
245
```

Output:

	transportation_type text	total_bookings bigint
1	Bus	46
2	Car	40
3	Flight	33
4	Train	31

Total rows: 4 of 4   Query complete 00:00:00.090   Ln 224, Col 1