

DBMS Lab - 10

Group : 4

Section id : 2.15

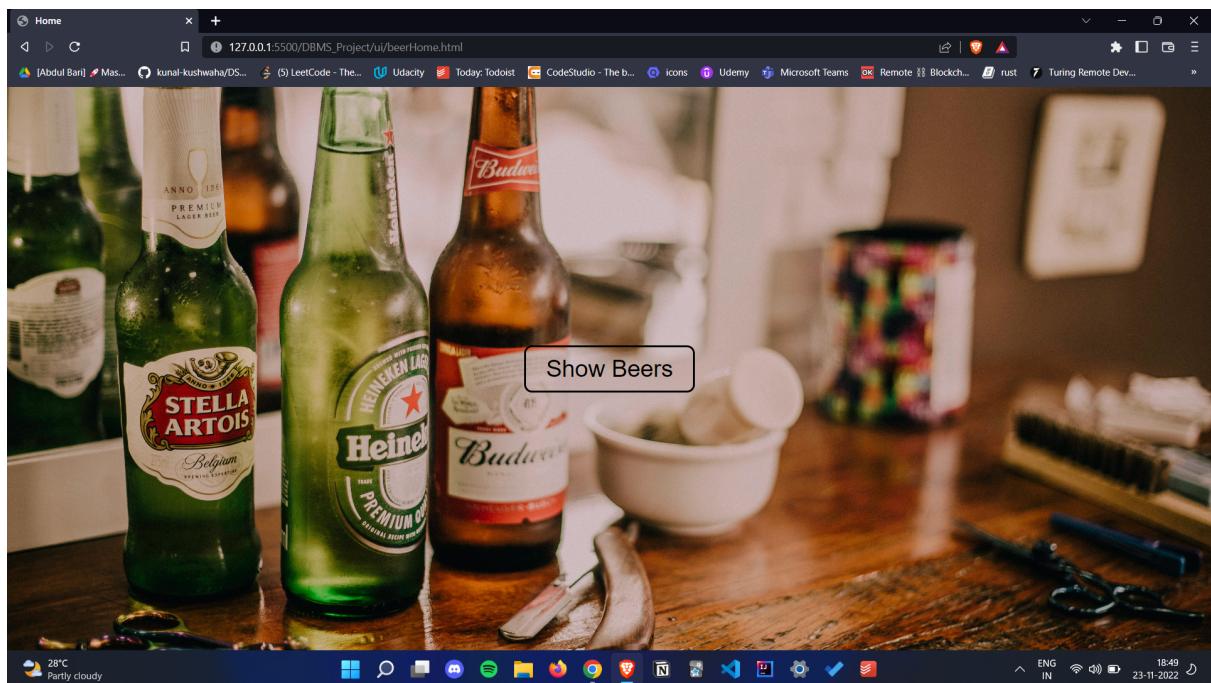
Group Members :

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Rishabh nandaniya-202001209

1) Get Beer Data From The Beer Table

Home Page :



Beer Data :

pgAdmin 4

File Object Tools Help

Browser Dashboard Properties SQL Statistics Dependencies Dependents postgres/postgres@PostgreSQL 14*

202001213_db No limit Query History Scratch Pad

Tables (11)

beer_id	beer_name	alcohol	cost	availability
18	Coolberg Non-Alcoholic Beer	0	8243	false
19	Kingfisher Ultra Non-Alcoholic Beer	0	7640	false
20	Barbican Non-Alcoholic Beer	0	644	true
21	Hoegaarden 0.0 Non Alcoholic Wheat B...	0	4804	false
22	Edelmeister Nonalcoholic Beer	0	684	false
23	Lagers	10	10000	true

Total rows: 23 of 23 Query complete 00:00:00.068 Successfully run. Total query runtime: 68 msec. 23 rows affected.

localhost:4000/show-beer

```
[{"beer_id": 6727, "beer_name": "Pale lager", "alcohol": 2, "cost": 113, "availability": true}, {"beer_id": 6395, "beer_name": "Pilsner", "alcohol": 7, "cost": 1979, "availability": true}, {"beer_id": 1984, "beer_name": "Amber and red lager", "alcohol": 7, "cost": 4520, "availability": false}, {"beer_id": 8020, "beer_name": "Dark lager", "alcohol": 3, "cost": 9782, "availability": true}, {"beer_id": 4287, "beer_name": "German Helles", "alcohol": 9, "cost": 8886, "availability": true}, {"beer_id": 5443, "beer_name": "Ales", "alcohol": 10, "cost": 10000, "availability": true}], [{"text": "28\u00b0C", "icon": "smoke"}, {"text": "Smoke"}]
```

28\u00b0C Smoke Search 23-11-2022

2) Register Buyer

Buyer Registration Form :

Buyer Registration

Buyer Id :- 5050

Name :- ketan khunti

Phone Number :- 07046571221

City :- bhanvad

Street :- village gadu,taluka bhanvac

Quantity :- 100

Adv_amount :- 300000

Id_proof :- pan card

Beer_id :- 6395

Beer_name :- Pilsner

Submit

Buyer Table before insertion :

pgAdmin 4

Dashboard Properties SQL Statistics Dependencies Dependents postgres/postgres@PostgreSQL 14*

Tables (11)

buyer_id	first_name	last_name	city	street	quantity	adv_amount	id_proof	beer_id	beer_ns
48	Arlie	Cummerata	Auermouth	Hills Fall	55	240000	driving license	2781	Sour Be
49	Maida		Hill	New Alphonsom...	70	350000	adhara card	1487	Heinek
50	Kaelyn	Waelchi	Lake Electa	Jamal Mall	60	375000	light bill	4850	Croft
51	Demarcus	Terry	Emanuelside	Genevieve Roads	50	200000	driving license	9317	Coolbe
52	gaurav	singh	gadhinagar	kdasan	100	200000	pan card	695	Lagers

Total rows: 52 of 52 Query complete 00:00:00.209 Ln 1, Col 31

=> As, we can see there are 52 buyers.

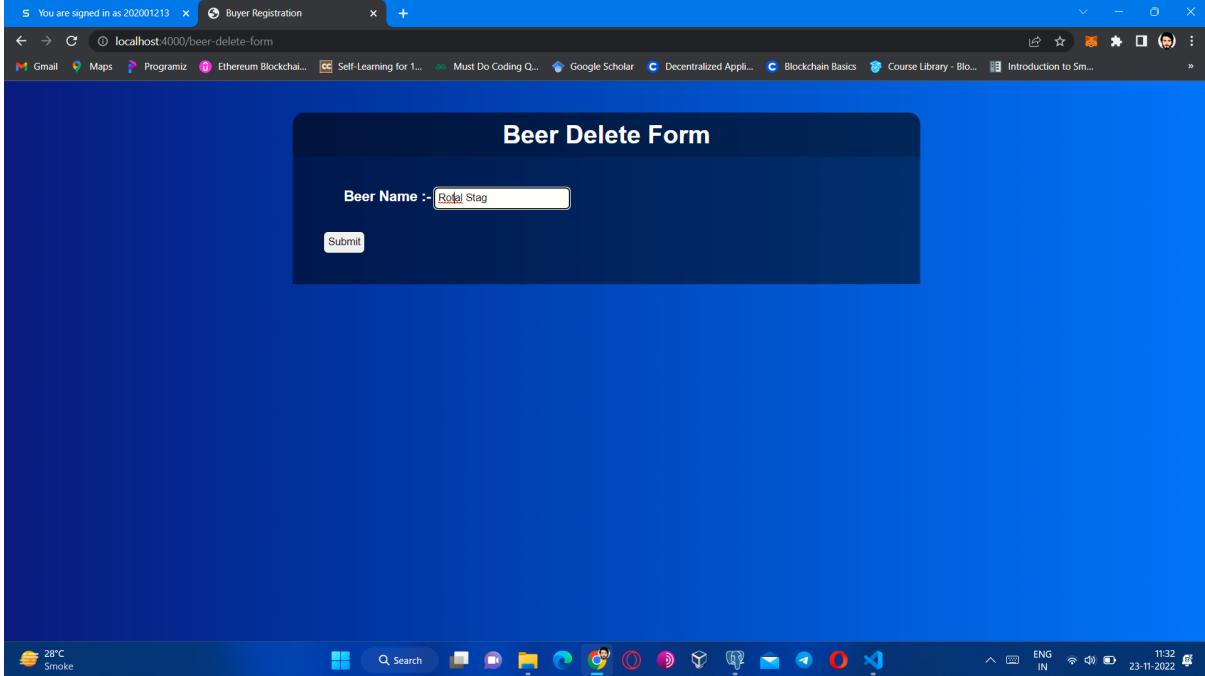
Buyer Table After Insertion:

The screenshot shows the pgAdmin 4 interface. The left sidebar lists 11 tables under the 'Tables (11)' section. The main pane shows the results of a SQL query: 'select * from "202001213_db"."Buyer"'. The results table has columns: buyer_id, first_name, last_name, city, street, quantity, adv_amount, id_proof, beer_id, and beer_name. There are 53 rows of data.

	buyer_id	first_name	last_name	city	street	quantity	adv_amount	id_proof	beer_id	beer_name
1	7506	ketan	khunti	bhanvad	village:gadu,taluk...	100	1000000	pan card	695	Lagers
2	5050	ketan	khunti	bhanvad	village:gadu,taluk...	100	300000	pan card	6395	Pilsner
3	8104	xavier	Harvey	Gleasonland	Wiegand Brook	50	50000	pan card	695	Lagers
4	5420	Laurie	Lockman	North Jaleel	Trystan Fall	35	30000	driving license	6727	Pale Ia...
5	9391	Frederik	Koch	New Alborough	Jeanie Streets	13	60000	adhara card	6395	Pilsner
6	8779	Paulo	Dwight	Conrad	Daniel Hill	40	20000	other card	1004	Ambra...
7	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
8	5420	Laurie	Lockman	North Jaleel	Trystan Fall	35	30000	driving license	6727	Pale Ia...
9	8000	xavier	Harvey	Gleasonland	Wiegand Brook	50	50000	pan card	695	Lagers
10	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
11	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
12	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
13	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
14	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
15	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
16	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
17	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
18	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
19	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
20	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
21	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
22	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
23	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
24	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
25	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
26	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
27	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
28	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
29	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
30	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
31	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
32	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
33	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
34	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
35	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
36	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
37	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
38	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
39	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
40	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
41	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
42	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
43	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
44	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
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46	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
47	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
48	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
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51	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
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87	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
88	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
89	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
90	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
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100	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
101	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
102	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
103	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
104	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
105	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
106	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
107	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
108	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
109	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
110	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
111	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
112	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
113	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
114	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
115	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
116	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
117	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
118	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
119	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
120	8000	dsuza	Monterio	guazva	...	75	200000	pan card	6395	Pilsner
121	8000	dsuza	Monterio	guazva	...					

3) Delete Beer From Database

Beer Deletion Form:



Beer Table Before Deletion:

A screenshot of pgAdmin 4. The left sidebar shows the database structure with 'Schemas (4)' and 'Tables (11)'. The 'Beer' table is selected. The main pane shows the table structure with columns: beer_id [PK] integer, beer_name character varying, alcohol double precision, cost integer, and availability boolean. Below the structure is a data grid with 24 rows. The last row in the grid is 'Rotal Stag' with beer_id 5050. The status bar at the bottom right indicates 'Ln 1, Col 36'. The system tray at the bottom shows 'Smoke' and other icons.

=> we will delete beer rotal stag (last row) whose beer id is 5050.

Beer Table After Deletion:

The screenshot shows the pgAdmin 4 interface. In the left sidebar, under 'Tables (11)', the 'Beer' table is selected. The main pane displays a table with 23 rows of beer data. The columns are: beer_id [PK] integer, beer_name character varying, alcohol double precision, cost integer, and availability boolean. The data includes various beer names like 'Coolberg Non-Alcoholic Beer', 'Kingfisher Ultra Non-Alcoholic Beer', etc. A message at the bottom right of the table area says 'Successfully run. Total query runtime: 68 msec. 23 rows affected.'

beer_id	beer_name	alcohol	cost	availability
18	Coolberg Non-Alcoholic Beer	0	8243	false
19	Kingfisher Ultra Non-Alcoholic Beer	0	7640	false
20	Barbican Non-Alcoholic Beer	0	644	true
21	Høegarden 0.0 Non Alcoholic Wheat B...	0	4804	false
22	Edelmeister Nonalcoholic Beer	0	684	false
23	Lagers	10	10000	true

=> As we can see, beer with beer name **total stag** has been deleted.

4) Update The Beer Table

Beer Updation Form:

The screenshot shows a web browser window titled 'Buyer Registration' with the URL 'localhost:4000/beer.update-form'. The page contains a form titled 'Beer Updation' with fields for Beer ID, Beer Name, Alcohol %, Cost, and Availability. The Beer ID field is set to '5050', Beer Name to 'Royal Stag', Alcohol % to '15', Cost to '6500', and Availability to 'false'. A 'Submit' button is at the bottom of the form.

Beer ID:-	5050
Beer Name :-	Royal Stag
Alcohol % :-	15
Cost :-	6500
Availability :-	false

Beer Table Before Updation:

The screenshot shows the pgAdmin 4 interface. The left sidebar has a 'Tables (11)' section selected, showing tables like Admin, Beer, Buyer, etc. The main area displays a query results grid for the 'Beer' table. The grid has columns: beer_id, beer_name, alcohol, cost, availability. The data shows 24 rows of beer entries. The last row is highlighted.

beer_id	beer_name	alcohol	cost	availability
19	3352 Kingfisher Ultra Non-Alcoholic Beer	0	7640	false
20	9739 Barbican Non-Alcoholic Beer	0	644	true
21	786 Hoegaarden 0.0 Non-Alcoholic Wheat Beer	0	4804	false
22	1699 Edelmeister Nonalcoholic Beer	0	684	false
23	695 Lagers	10	10000	true
24	5050 Rotl Stag	10	7500	true

=> we will update beer rotal stag (last row) with beer id 5050.

Beer Table After Updation:

The screenshot shows the pgAdmin 4 interface, identical to the previous one but with a different result set. The last row of the Beer table has been updated. The 'beer_id' column now shows 5050 for the last row, and the 'cost' column shows 6500.

beer_id	beer_name	alcohol	cost	availability
19	3352 Kingfisher Ultra Non-Alcoholic Beer	0	7640	false
20	9739 Barbican Non-Alcoholic Beer	0	644	true
21	786 Hoegaarden 0.0 Non-Alcoholic Wheat Beer	0	4804	false
22	1699 Edelmeister Nonalcoholic Beer	0	684	false
23	695 Lagers	10	10000	true
24	5050 Rotl Stag	15	6500	true

=> As we can see, data of beer with beer id 5050 has been updated.

