# 03.1 Python Flask Guestbook

# 03.1.5 Running the code

 Add an entry that includes your PSU e-mail address in it and the message "python/flask guestbook". Take a screenshot of the resulting page for your lab notebook.

# Rame: Email: Message: Sign Entries ahma agah <agah@pdx.edu> signed on 2024-10-15 python/flask guestbook

# 3.2 SQL, Cloud SQL, RDS

# 3.2.2 SQL quiz

 Take the quiz and include a screenshot with your OdinID on it of the "Check your answers" page at the end of the quiz.

# **SQL Quiz**



# 3.2.3 GCP Cloud SQL

- What are the names of the tables that are created?
  - 1. Accommodation
  - 2. Rating
  - 3. Recommendation
- What are the primary keys of each table?
  - 1. Accommodation ID
  - 2. Rating (accold, userld) composite key
  - 3. Recommendation (userld, accold) composite key

- What data (e.g. columns) does the Accommodation table hold?
  - 1. id:varchar(255) string
  - 2. title:varchar(255) string
  - 3. location: varchar(255) -string
  - 4. price: int
  - 5. rooms: int
  - 6. rating: float
  - 7. type: varchar(255) string

• Assuming the column data is ordered as in the DDL, list the attributes and their values for each accommodation in Dublin.

### **Pleasant Quiet Place**

• Location: Dublin

• Price: 35

• Number of Guests: 5

Rating: 4.3Type: House

### **Great Private Country House**

Location: DublinPrice: 1150

• Number of Guests: 10

Rating: 2.4Type: Mansion

3.2.7 Cloud SQL from Cloud Shell
Take screenshots of the output of each query for your lab notebook.

1   Comfy Quiet Chalet	mysql>	select * from Accommodation	on where price <	100;				
11   Homy Quiet Shanty	id	title	location	price	rooms	rating	type	
12   Beautiful Peaceful Villa   Seattle   90   2   2.1   house   16   Large Calm House   Melbourne   45   3   4.1   house   18   Big Peaceful Hut   Melbourne   60   2   2.4   cottage   2   Cozy Calm Hut   London   65   2   4.9   cottage   2   18   geaceful Cabin   Seattle   80   2   4.9   cottage   22   Pleasant Peaceful House   Auckland   50   5   3.5   house   2   2.4   Nice Private Cottage   Paris   70   2   2   cottage   22   Pleasant Peaceful House   Paris   70   2   2   cottage   24   Nice Private Cottage   San Francisco   40   2   1.1   cottage   25   Nice Calm Chalet   Seattle   55   2   4.5   cottage   25   Nice Calm Chalet   Seattle   55   2   4.8   house   23   Agreable Calm Place   London   65   4   4.8   house   23   Agreable Calm Place   Tokyo   30   2   4.8   house   23   Agreable Calm Place   Tokyo   30   2   4.8   house   36   Comfy Private Shanty   NYC   80   1   3.7   cottage   38   Big Private House   San Francisco   70   4   2.9   house   39   Beautiful Calm Villa   Vancouver   50   3   3.5   house   34   Nice Private Hut   Melbourne   60   3   2.8   cottage   49   Big Private Villa   NYC   90   2   4.8   house   51   Homy Quiet Shack   Paris   50   1   1.1   cottage   55   Cozy Peaceful Hut   Auckland   70   3   1.4   cottage   55   Cozy Peaceful Place   Tokyo   55   5   1.7   cottage   59   Large Peaceful Place   Tokyo   55   5   1.2   house   66   Pleasant Quiet Place   NYC   60   2   1.3   house   66   Pleasant Quiet Place   NYC   65   1   3.1   cottage   66   Beautiful Private Villa   Buenos Aires   65   2   4.3   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   75   Large Peaceful Cabin   Buenos Aires   65   2   4.3   cottage   72   Beautiful Private Villa   Berlin   30   2   2.4   house   75   Large Private Chalet   NYC   45   2   1   cottage   75   Large Private Chalet   NYC   45   2   1   cottage   75   Beautiful Private Villa   Berlin   30   2   2.4   house   76   Pleasant Calm Villa   Berlin   30	1	Comfy Quiet Chalet	Vancouver	50	3	3.1	cottage	
16	111	Homy Quiet Shanty	Melbourne	50	1	2.8	cottage	
18   Big Peaceful Hut	12	Beautiful Peaceful Villa	Seattle	90	2	2.1	house	
21   Rig Peaceful Cabin   Seattle   80   2   4.9   cottage	16	Large Calm House	Melbourne	45	3	4.1	house	
21   Big Peaceful Cabin   Seattle   80   2   4.9   cottage	18	Big Peaceful Hut	Melbourne	60	2	2.4	cottage	
22	2	Cozy Calm Hut	London	65	2	4.1	cottage	
23   Homy Calm House   Paris   70   2   2   cottage     24   Nice Private Cottage   San Francisco   40   2   1.1   cottage     25   Nice Calm Chalet   Seattle   55   2   4.5   cottage     31   Agreable Calm Place   Tokyo   30   2   4.8   house     32   Pleasant Calm Place   Tokyo   30   2   4.8   house     33   Pleasant Calm Place   Tokyo   30   2   4.8   house     34   Sig Private Shanty   NYC   80   1   3.7   cottage     38   Big Private House   San Francisco   70   4   2.9   house     39   Beautiful Calm Villa   Vancouver   50   3   3.5   house     43   Nice Private Hut   Melbourne   60   3   2.8   cottage     49   Big Private Villa   NYC   90   2   4.8   house     51   Nice Quiet Hut   Auckland   70   3   1.1   cottage     51   Nice Quiet Hut   Auckland   70   3   1.4   cottage     52   Cozy Peaceful Hut   London   75   2   1.7   cottage     53   Comfy Private Shanty   Buenos Aires   40   2   4.6   cottage     55   Cozy Peaceful Place   Tokyo   55   5   1.2   house     66   Pleasant Quiet Place   Dublin   35   5   4.3   house     67   Large Calm Place   NYC   60   2   1.3   house     68   Easutiful Private Villa   London   80   2   2.4   house     69   Homy Quiet House   NYC   65   1   3.1   cottage     71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage     72   Beautiful Calm Place   Paris   80   4   2.1   house     73   Nice Peaceful Cabin   Buenon   60   1   3.4   cottage     74   Pleasant Calm Place   Berlin   30   2   2.4   house     75   Large Private Place   Berlin   30   2   2.4   house     76   Pleasant Calm Villa   Berlin   30   2   2.4   house     77   Cozy Calm Hut   San Francisco   40   3   3.4   cottage     78   Rice Private Place   Berlin   30   2   2.4   house     76   Pleasant Calm Villa   Berlin   30   2   2.4   house     77   Large Private Place   Berlin   50   4   3.6   house     78   Rice Private Place   Berlin   50   4   3.6   house     78   Rice Private Place   Berlin   50   4   3.6   house     79   Rice Private House   Seattle   45   2   3.2   cottage     80   Rice Private	21	Big Peaceful Cabin	Seattle	80	2	4.9	cottage	
24	22	Pleasant Peaceful House	Auckland	50	5	3.5	house	
25	23	Homy Calm House	Paris	70	2	2	cottage	
33   Agreable Calm Place	24	Nice Private Cottage	San Francisco	40	2	1.1	cottage	
33    Pleasant Calm Place	25	Nice Calm Chalet	Seattle	55	2	4.5	cottage	
36   Comfy Private Shanty	j 3	Agreable Calm Place	London	65	4	4.8	house	
38   Big Private House   San Francisco   70   4   2.9   house   39   Beautiful Calm Villa   Vancouver   50   3   3.5   house   43   Nice Private Hut   Melbourne   60   3   2.8   cottage   49   Big Private Villa   NYC   90   2   4.8   house   5   Homy Quiet Shack   Paris   50   1   1.1   cottage   51   Nice Quiet Hut   Auckland   70   3   1.4   cottage   53   Comfy Private Shanty   Buenos Aires   40   2   4.6   cottage   55   Cozy Peaceful Hut   London   75   2   1.7   cottage   55   Cozy Peaceful Place   Tokyo   55   5   1.2   house   59   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   61   Large Calm Place   NYC   60   2   1.3   house   61   Large Calm Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Berlin   50   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   50   4   3.6   house   77   Nice Peaceful Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   83   Comfy Calm Shack   Santra   Santr	33	Pleasant Calm Place	Tokyo	30	2		house	
39   Beautiful Calm Villa   Vancouver   50   3   3.5   house   43   Nice Private Hut   Melbourne   60   3   2.8   cottage   49   Big Private Villa   NYC   90   2   4.8   house   5   Homy Quiet Shack   Paris   50   1   1.1   cottage   5   1   Nice Quiet Hut   Auckland   70   3   1.4   cottage   5   1   Nice Quiet Hut   Auckland   70   3   1.4   cottage   5   Cory Peaceful Hut   London   75   2   1.7   cottage   5   Cozy Peaceful Hut   London   75   2   1.7   cottage   5   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   6   Pleasant Quiet Place   NYC   60   2   1.3   house   6   Large Calm Place   NYC   60   2   1.3   house   6   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage   6   Comfy Private Chalet   NYC   45   2   1   cottage   6   Homy Quiet House   NYC   45   2   1   cottage   6   Homy Quiet House   NYC   6   1   3.1   cottage   7   Cozy Calm Hut   San Francisco   5   2   3.8   cottage   7   Cozy Calm Hut   San Francisco   5   2   3.8   cottage   7   Nice Peaceful Cabin   London   60   1   3.4   cottage   7   Nice Peaceful Cabin   London   60   1   3.4   cottage   7   Nice Peaceful Cabin   San Francisco   40   3   4.3   cottage   8   Nice Private Place   Berlin   50   4   3.6   house   8   8   Gottage   8   Nice Private Shack   Seattle   70   3   2.2   cottage   8   Cozy Peaceful Cabin   San Francisco   7   1   1.6   cottage   8   Nice Private Shack   San Francisco   7   1   1.6   cottage   8   Nice Private Shack   San Francisco   7   1   1.6   cottage   8   Nice Private House   Seattle   4   5   2   3.2   cottage   8   Nice Private House   Seattle   4   5   3.2   house   9   Nice Private House   Seattle   4   5   3.2   house   9   Nice Private House   Seattle   4   5   3.2   cottage   9   Nice Private House   Seattle   4   5   3.2   cottage   9   Cozy Quiet Chalet   Auckland   7   1   2.3   cottage   9   Cozy Quiet Chalet   Auckland   7   1   2.3   cottage   9   Cozy Quiet Chalet   Auckland   7   1   2.3   cottage   9   Cozy Quie	36	Comfy Private Shanty	NYC	j 80	j 1	3.7	cottage	
43   Nice Private Hut	38	Big Private House	San Francisco	70	4	2.9	house	
49   Big Private Villa   NYC   90   2   4.8   house   5   Homy Quiet Shack   Paris   50   1   1.1   cottage   51   Nice Quiet Hut   Auckland   70   3   1.4   cottage   53   Comfy Private Shanty   Buenos Aires   40   2   4.6   cottage   55   Cozy Peaceful Hut   London   75   2   1.7   cottage   55   Cozy Peaceful Hut   London   75   2   1.7   cottage   58   Nice Calm Cottage   Berlin   40   3   3.9   cottage   59   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   61   Large Calm Place   NYC   60   2   1.3   house   62   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   82   Cozy Paceful Cabin   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   San Francisco   40   3   3.4   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private Bhouse   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage   97   Cozy Quiet Chalet   Auckland   75	39	Beautiful Calm Villa	Vancouver	50	ј з	3.5	house	
5	43	Nice Private Hut	Melbourne	i 60	ј з	2.8	cottage	
51   Nice Quiet Hut	49	Big Private Villa	NYC	90	2	4.8	house	
53   Comfy Private Shanty   Buenos Aires   40   2   4.6   cottage     55   Cozy Peaceful Hut   London   75   2   1.7   cottage     58   Nice Calm Cottage   Berlin   40   3   3.9   cottage     59   Large Peaceful Place   Tokyo   55   5   1.2   house     6   Pleasant Quiet Place   Dublin   35   5   4.3   house     61   Large Calm Place   NYC   60   2   1.3   house     62   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage     65   Comfy Private Chalet   NYC   45   2   1   cottage     66   Beautiful Private Villa   London   80   2   2.4   house     69   Homy Quiet House   NYC   65   1   3.1   cottage     71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage     72   Beautiful Calm Place   Paris   80   4   2.1   house     73   Nice Peaceful Cabin   London   60   1   3.4   cottage     75   Large Private Place   Berlin   50   4   3.6   house     76   Pleasant Calm Villa   Berlin   30   2   2.4   house     80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage     81   Homy Quiet Shack   Seattle   70   3   2.2   cottage     82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage     83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage     84   Nice Private Shack   San Francisco   40   3   3.4   cottage     85   Nice Private House   Seattle   45   2   3.2   cottage     86   Rice Private House   Seattle   45   2   3.2   cottage     87   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage     89   Nice Private Bouse   Seattle   45   2   3.2   cottage     90   Big Quiet Chalet   Auckland   75   1   2.3   cottage     97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage     97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	j 5	Homy Quiet Shack	Paris	j 50	j 1	1.1	cottage	
55   Cozy Peaceful Hut   London   75   2   1.7   cottage   58   Nice Calm Cottage   Berlin   40   3   3.9   cottage   59   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   61   Large Calm Place   NYC   60   2   1.3   house   62   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   50   4   3.6   house   80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	51	Nice Quiet Hut	Auckland	70	ј з	1.4	cottage	
58   Nice Calm Cottage   Berlin   40   3   3.9   cottage   59   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   61   Large Calm Place   NYC   60   2   1.3   house   62   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	53	Comfy Private Shanty	Buenos Aires	40	2	4.6	cottage	
59   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   61   Large Calm Place   NYC   60   2   1.3   house   62   Comfy Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   Auckland   55   1   4.9   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	55	Cozy Peaceful Hut	London	75	2	1.7	cottage	
59   Large Peaceful Place   Tokyo   55   5   1.2   house   6   Pleasant Quiet Place   Dublin   35   5   4.3   house   61   Large Calm Place   NYC   60   2   1.3   house   62   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Boack   Auckland   55   1   4.9   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   90   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	58	Nice Calm Cottage	Berlin	40	і з	3.9	cottage	
61   Large Calm Place	59		Tokyo	55	5	1.2		
61   Large Calm Place   NYC   60   2   1.3   house   62   Comfy Calm Cabin   Buenos Aires   65   2   4.3   cottage   65   Comfy Private Chalet   NYC   45   2   1   cottage   66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   76   Pleasant Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   82   Cozy Peaceful Cabin   San Francisco   40   3   3.4   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   Auckland   55   1   4.9   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	6	Pleasant Quiet Place	Dublin	35	5	4.3	house	
65	61	Large Calm Place	NYC	60	2		house	
65	62	Comfy Calm Cabin	Buenos Aires	65	2	4.3	cottage	
66   Beautiful Private Villa   London   80   2   2.4   house   69   Homy Quiet House   NYC   65   1   3.1   cottage   71   Cozy Calm Hut   San Francisco   55   2   3.8   cottage   72   Beautiful Calm Place   Paris   80   4   2.1   house   73   Nice Peaceful Cabin   London   60   1   3.4   cottage   75   Large Private Place   Berlin   50   4   3.6   house   76   Pleasant Calm Villa   Berlin   30   2   2.4   house   80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   Auckland   55   1   4.9   cottage   85   Nice Private House   Seattle   45   2   3.2   cottage   89   Nice Private House   Seattle   45   2   3.2   house   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	i 65	Comfy Private Chalet	NYC	45	2	1		
71	66	Beautiful Private Villa	London	80	2	2.4		
72   Beautiful Calm Place	69	Homy Quiet House	NYC	65	i 1	3.1	cottage	
72   Beautiful Calm Place	71	Cozy Calm Hut	San Francisco	55	2	3.8	cottage	
73			Paris	80		2.1	,	
75	73		London	60	1	3.4	cottage	
80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   Auckland   55   1   4.9   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	75	Large Private Place	Berlin	50	4			
80   Big Quiet Cabin   San Francisco   40   3   4.3   cottage   81   Homy Quiet Shack   Seattle   70   3   2.2   cottage   82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   Auckland   55   1   4.9   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	76	Pleasant Calm Villa	Berlin	30	2	2.4	house	
81   Homy Quiet Shack   Seattle   70   3   2.2   cottage     82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage     83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage     85   Nice Private Shack   Auckland   55   1   4.9   cottage     89   Nice Private House   Seattle   45   2   3.2   cottage     90   Big Quiet House   Seattle   35   5   3.2   house     92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage     97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage			San Francisco	40			cottage	
82   Cozy Peaceful Cabin   San Francisco   75   1   1.6   cottage   83   Comfy Calm Shack   San Francisco   40   3   3.4   cottage   85   Nice Private Shack   Auckland   55   1   4.9   cottage   89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage	81	9 1		70	3		,	
83   Comfy Calm Shack			San Francisco	75	_			
85   Nice Private Shack		,			_			
89   Nice Private House   Seattle   45   2   3.2   cottage   90   Big Quiet House   Seattle   35   5   3.2   house   92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage								
90   Big Quiet House   Seattle   35   5   3.2   house     92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage     97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage							,	
92   Cozy Quiet Bungalow   San Francisco   85   3   3.5   cottage   97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage								
97   Cozy Quiet Chalet   Auckland   75   1   2.3   cottage								
	+		·	+			+	

Agah

45 rows in set (0.01 sec)

title	location	price	rooms	rating	type	!
10   Sizable Calm Country House	Auckland	650	9	4.9	mansion	Ī
17   Large Calm Sately House	NYC	850	9	1.2	mansion	i
20   Big Private Hall	Buenos Aires	650	12	1.2	mansion	i
28   Beautiful Calm Villa	Tokyo	110	2	4.2	house	i
29   Big Quiet Manor	San Francisco	650	12	4.3	mansion	i
30   Large Peaceful House	Berlin	110	5	2.3	house	i
32   Immense Private Hall	Seattle	850	12	1	mansion	i
41   Big Calm Manor	Seattle	800	11	2.7	mansion	i
42   Large Calm Residence	London	900	12	2.4	mansion	i
47   Sizable Calm Sately House	Seattle	900	10	1.5	mansion	İ
56   Sizable Private Residence	London	800	11	3.5	mansion	
57   Immense Quiet Residence	Auckland	800	11	3.5	mansion	
84   Great Peaceful Sately House	Melbourne	700	8	3.2	mansion	Agah
86   Large Quiet House	London	100	4	4	house	, .gu.,
87   Immense Peaceful Hall	San Francisco	850	12	4.4	mansion	
91   Large Peaceful Hall	Melbourne	650	10	1.9	mansion	
	San Francisco		11	3.8	mansion	
96   Immense Private Country House	Tokyo	800	9	3.8	mansion	

### 3.2.15 RDS test instance

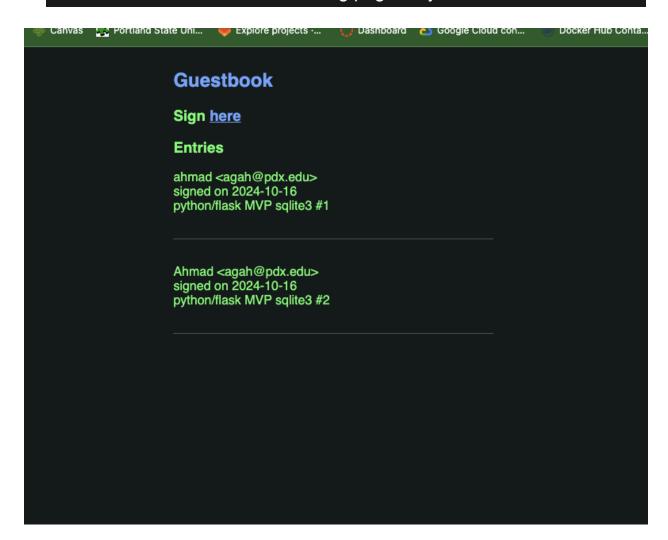
 Show a screenshot of the successful connection similar to below that includes your OdinID

```
| Ccloudshell-user@ip-10-134-75-245 ~]$ curl http://ipecho.net/plain; echo 3.19.246.111 | Ccloudshell-user@ip-10-134-75-245 ~]$ ls | [cloudshell-user@ip-10-134-75-245 ~]$ mysql -h aws-rds-lab.chmeiu6wehlt.us-east-2.rds.amazonaws.com -P 3306 -u admin -p Enter password: | Welcome to the MariaDB monitor. Commands end with; or \g. Your MySQL connection id is 25 | Server version: 8.0.39 Source distribution | Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others. | Type 'help;' or '\h' for help. Type '\c' to clear the current input statement. |
| MySQL [(none)]> My OdinID is agah
```

3.3 sqlite2 Guestbook

03.3.4 sqlite3 Guestbook

Take a screenshot of the resulting page for your lab notebook



# 3.3.5 sqlite3 database

List the tables in the database and note the table name

Then, output the schema for the table via its name

```
ahmadagah@course-vm:~/Desktop/cs430-src/02_mvp_modules_sqlite3$ sqlite3 entries.db
SQLite version 3.37.2 2022-01-06 13:25:41
Enter ".help" for usage hints.
sqlite> .tables
guestbook
sqlite> .schema guestbook
CREATE TABLE guestbook (name text, email text, signed_on date, message text);
sqlite>
```

Finally, perform a SQL query to dump out all rows in the table

```
ahmadagah@course-vm:~/Desktop/cs430-src/02_mvp_modules_sqlite3$ sqlite3 entries.db

SQLite version 3.37.2 2022-01-06 13:25:41

Enter ".help" for usage hints.

sqlite> SELECT * FROM guestbook;

ahmad|agah@pdx.edu|2024-10-16|python/flask MVP sqlite3 #1

Ahmad|agah@pdx.edu|2024-10-16|python/flask MVP sqlite3 #2

sqlite> 

### Ahmad|agah@pdx.edu|2024-10-16|python/flask MVP sqlite3 #2

sqlite>
```