

1. Insert Query

Before: show Participant table “show table” button at top of page

| ID | PNAME | EMAIL | SCHOOL |
|----|-------------------|-----------------------------|--------|
| 1 | Amy Huynh | amyh32@gmail.com | UBC |
| 2 | Laurel Swanson | lswan@gmail.com | UBC |
| 3 | Zuzanna Spooner | aforkandaspoon@hotmail.com | SFU |
| 4 | Florrie Tate | florriexd@gmail.com | UBC |
| 5 | Aiysha Little | little.aiysh@yahoo.com | UW |
| 6 | Alannah Serrano | alannah.serrano@hotmail.com | UW |
| 7 | Malikah Mcfarlane | purple_dinosaur@gmail.com | UofT |
| 8 | Elliott Finley | elliottfinleyy@gmail.com | UBC |
| 9 | Thiago Beltran | thiagoisme@live.com | UVic |
| 10 | Aj Dale | saymy_name@hotmail.com | UBC |

Insert:

1. Add a Participant

ID:

Name:

Email:

School:

Result (found at end of page):

| ID | PNAME | EMAIL | SCHOOL |
|----|-------------------|-----------------------------|--------|
| 11 | Harry Potter | hpotter@hogwarts.com | UBC |
| 1 | Amy Huynh | amyh32@gmail.com | UBC |
| 2 | Laurel Swanson | lswan@gmail.com | UBC |
| 3 | Zuzanna Spooner | aforkandaspoon@hotmail.com | SFU |
| 4 | Florrie Tate | florriexd@gmail.com | UBC |
| 5 | Aiysha Little | little.aiysh@yahoo.com | UW |
| 6 | Alannah Serrano | alannah.serrano@hotmail.com | UW |
| 7 | Malikah Mcfarlane | purple_dinosaur@gmail.com | UofT |
| 8 | Elliott Finley | elliottfinleyy@gmail.com | UBC |
| 9 | Thiago Beltran | thiagoisme@live.com | UVic |
| 10 | Aj Dale | saymy_name@hotmail.com | UBC |

2. Delete query

Before: show `Guest` table using “show table” button at top of page

| GID | GNAME |
|-----|---------------------|
| 1 | Santa Oyes |
| 2 | Leo Ramirez |
| 3 | Amelia-Grace Campos |
| 4 | Sian Molloy |
| 5 | Kaydan Kirk |
| 6 | Dante Baird |
| 7 | Zainab Dolan |
| 8 | Iylah Ramsey |
| 9 | Wendy Carrillo |
| 10 | Kwabena Hale |
| 11 | Joao Fellows |
| 12 | Fynley Figueroa |
| 13 | Christine Francis |
| 14 | Yahya Schaefer |
| 15 | Finnian Wharton |
| 16 | Daanyaal Hernandez |
| 17 | Reyansh Chaudhri |

Delete:

2. Delete a guest

Name:

Delete

Result (found at end of page):

| GID | GNAME |
|-----|---------------------|
| 2 | Leo Ramirez |
| 3 | Amelia-Grace Campos |
| 4 | Sian Molloy |
| 5 | Kaydan Kirk |
| 6 | Dante Baird |
| 7 | Zainab Dolan |
| 8 | Iylah Ramsey |
| 9 | Wendy Carrillo |
| 10 | Kwabena Hale |
| 11 | Joao Fellows |
| 12 | Fynley Figueroa |
| 13 | Christine Francis |
| 14 | Yahya Schaefer |
| 15 | Finnian Wharton |
| 16 | Daanyaal Hernandez |
| 17 | Reyansh Chaudhri |

3. Update Query

Before: show `Workshop` table using “show table” button at top of page

| TITLE | WTIME | ROOMNUM |
|---|----------|---------|
| Git 101: How to use the popular VCS | 14:00:00 | 230 |
| Introduction to Python | 16:00:00 | 100A |
| Getting Started with Goggle Cloud Tools | 09:00:00 | 3305 |
| Architecture of Cup Towers | 19:00:00 | 7 |
| Surviving the Night at a Hackathon | 21:00:00 | 444 |

Update:

3. Update a Workshop's Room Number

The values are case sensitive and if you enter in the wrong case, the update statement will not do anything.

Workshop's Title:

New Room Number:

Result (found at end of page):

| TITLE | WTIME | ROOMNUM |
|---|----------|---------|
| Git 101: How to use the popular VCS | 14:00:00 | 230 |
| Introduction to Python | 16:00:00 | 304A |
| Getting Started with Goggle Cloud Tools | 09:00:00 | 3305 |
| Architecture of Cup Towers | 19:00:00 | 7 |
| Surviving the Night at a Hackathon | 21:00:00 | 444 |

4. Selection Query

Query:

4. Get the information of participants from _____ whose ID is greater than _____

Participant's school:

Minimum ID#:

Result (found at end of page):

| Retrieved data from table Participant: | | | |
|--|----------------|--------------------------|-------------|
| ID | Name | Email | School Name |
| 8 | Elliott Finley | elliottfinleyy@gmail.com | UBC |
| 10 | Aj Dale | saymy_name@hotmail.com | UBC |

5. Projection Query

Query (click submit button):

5. Get the volunteer's ID, name, and role for all the volunteers

Submit

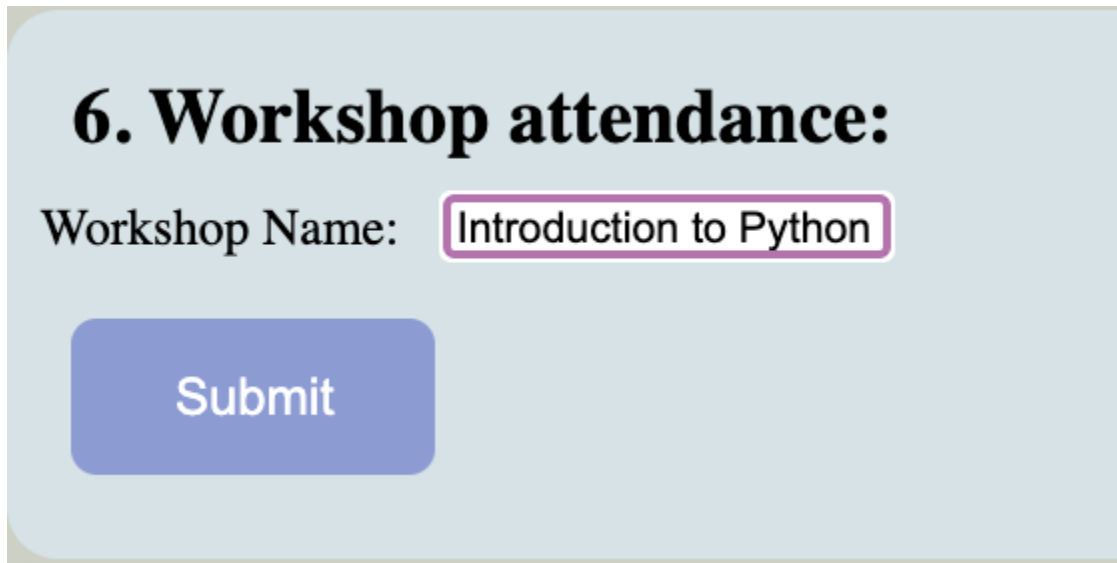
Result (found at end of page):

Retrieved data from table Volunteer:

| ID | Name | Role |
|----|-----------------|--------------------|
| 1 | Naveed Gonzales | Tech Support |
| 2 | Meghan Dillard | General Assistance |
| 3 | Mustafa Derrick | Runner |
| 4 | King Perez | Tech Support |
| 5 | Jamel Hastings | Tech Support |
| 6 | Aras Golden | General Assistance |
| 7 | Allie Yoshida | Runner |

6. Join Query

Query:

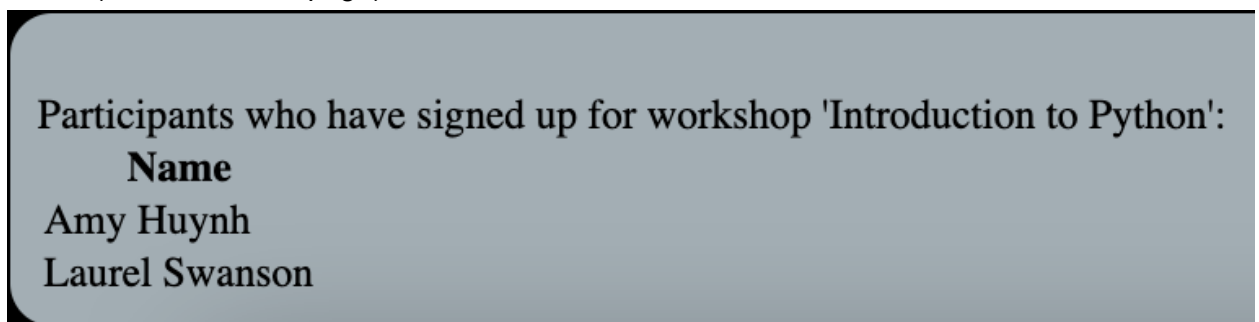


6. Workshop attendance:

Workshop Name:

Submit

Result (found at end of page):



| Participants who have signed up for workshop 'Introduction to Python': | |
|--|--|
| Name | |
| Amy Huynh | |
| Laurel Swanson | |

7. Aggregation with groupby

Query (click submit button):

7. Find the number of participants who go to each school

Submit

Result (found at end of page):

The number of participants who go to each school:

School Count

UBC 5

SFU 1

UVic 1

UW 2

UofT 1

8. **Aggregation with having**

Query (click submit button):

8. Find the schools that have 2 or more participants attending

Submit

Result (found at end of page):

The schools that have 2 or more participants attending:

Name

UBC

UW

9. Nested aggregation with groupby

Query (click submit button):

9. For all the companies that are sponsoring a hackathon, which companies have sent more than one company representative?

Submit

Result (found at end of page):

The companies that have attended hackathons and sent more than one representatives:

CompanyName

StickerDonkey

Rainforest

10. Division

Query (click submit button):

10. Find all the names of the volunteers that have helped run all the hackathons

Submit

Result (found at end of page):

The names of the volunteers that have helped run all the hackathons

Name

Naveed Gonzales