CSE427s - 8 [P] Database
Operations

40% (2/5)

✓ 1. The provided *relation* models links in a mini-web given by pairs of URLs where the first URL links to the second URL. In this relation **From** is an *attribute*.

A True

B False

From	To
url1	url2
url1	url3
url2	url3
url2	url4

✗ 2. **(From,To)** is a *tuple*.

A True

B False

From	To
url1	url2
url1	url3
url2	url3
url2	url4

⊘ 3. Compute the **Selection** for the condition C = (To=url3).

Note that we can only count this as a **[P] (participation) quiz** for you if *all* your answers are reasonable attempts to **participate** in the class.

(url1, url3)
(url2, url3)

From	To
url1	url2
url1	url3
url2	url3
url2	url4

4. Compute the **number of in-links** of each URL.

4

From	To
url1	url2
url1	url3
url2	url3
url2	url4

5. What operation did you perform?

- (A) selection and aggregation
- (B) projection and aggregation
- (C) union and aggregation
- (D) intersection and aggregation
- (E) difference and aggregation
- (F) grouping and aggregation
- (G) natural join

6. Identify the **paths of length two** in our mini-web.

- (A) (url2, url3, url4)
- (B) (url1, url2, url3)
- (C) (url1, url2, url4)
- (D) (url4, url2, url3)
- (E) (url2, url3, url2)

From	To
url1	url2
url1	url3
url2	url3
url2	url4

7. What operation did you perform?

- (A) selection and aggregation
- (B) projection and aggregation
- (C) union and aggregation
- (D) intersection and aggregation
- (E) difference and aggregation
- (F) grouping and aggregation
- (G) natural join