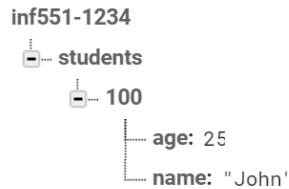


## INF 551 – Spring 2018

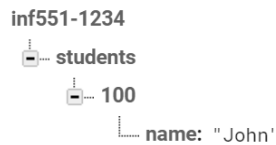
## Quiz 1: Firebase &amp; JSON (10 points), 10 minutes

1. [6 points] Consider a Firebase database with URL '<https://inf551-1234.firebaseio.com/>', which will be referred to as '<https://<db-url>/>' below. Assuming the database is currently empty. For each of the following REST requests, state the content of the database (by drawing its JSON tree as shown by Firebase) after the request is completed.

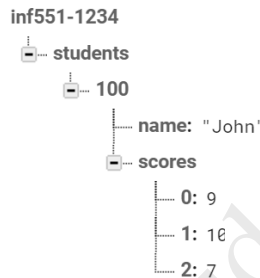
- a. `curl -X PUT 'https://<db-url>/students/100.json' -d '{"name": "John", "age": 25}'`



- b. `curl -X DELETE 'https://<db-url>/students/100/age.json'`



- c. `curl -X PATCH 'https://<db-url>/students/100.json' -d '{"scores": [9,10,7]}'`



2. [4 points] Fill in the entries in the table below with Yes (for valid JSON value) or No (otherwise).

JSON Value	Valid?
<code>{[25]}</code>	No
<code>[25, {}, null]</code>	Yes
<code>"name" : "john"</code>	No
<code>["name" : 25]</code>	No
<code>{"name" : []}</code>	Yes
<code>{"address": {"city": "LA"}}</code>	Yes
<code>{"25: 26"}</code>	No
<code>["foo", {"bar": ["baz", null, 1.0, 2]}]</code>	Yes
<code>[25, False]</code>	No
<code>{'25': 'mary'}</code>	No