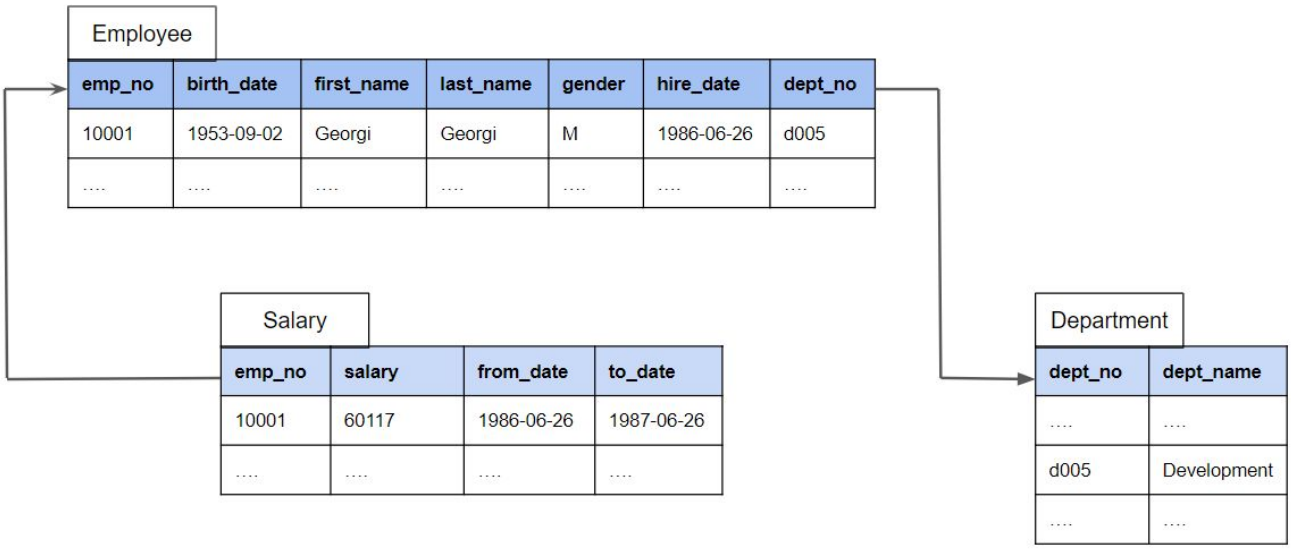
HW5: Neo4j
Due: 12:59pm Tuesday March 23, 2021.

You have been provided three csv files named **employee.csv, salary.csv,** and **department.csv** that contains data for the following tables**:**



Employee

emp_no	birth_date	first_name	last_name	gender	hire_date	dept_no
10001	1953-09-02	Georgi	Georgi	M	1986-06-26	d005
....	....	....	....	....	....	....

Salary

emp_no	salary	from_date	to_date
10001	60117	1986-06-26	1987-06-26
....	....	....	....

Department

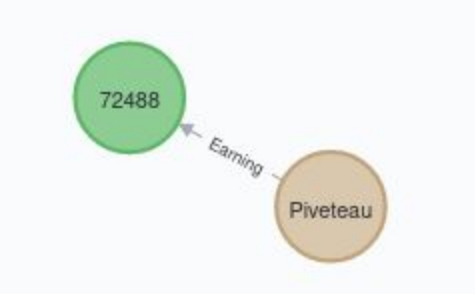
dept_no	dept_name
....	....
d005	Development
....	....

Please **DO NOT** modify/delete/add data in all three csv files.

Your tasks:

1. Write cypher code to import employee.csv, salary.csv, and department.csv into neo4j database.
2. Write cypher code to create two relationships according to the following specifications.
    a. ‘Employee’ working_for “Department”. Example:

b. ‘Employee’ **earning** “salary”. Example:



3. Write cypher code to visualize the whole graph which contains all the nodes and relationships(Set larger LIMIT to display full graph. Enter fullscreen mode and zoom out as far as you need to see the whole graph.).
4. Write cypher code to visualize only the “Development” node cluster. including all the employee nodes connected to the Development node, and salary node connected to each of the employee nodes.
5. Make sure you have the following captions for each of the node types(See the two examples above).
   Employee nodes: last_name.
   Salary nodes: salary.
   Department nodes: dept_name.

- Document and save your cypher codes inside a .TXT file named **LastName_hw5.txt**

- For task #3, take a screenshot of the graph visualization. Make sure your screenshot captures the whole graph. You can use the zoom-out buttons in the neo4j web interface and web browser to zoom out as far as you need. Blurry node captions and edges are acceptable. Name your screenshot: **LastName_hw5_Q3.jpg or .png**

- For task #4. Take a screenshot of the graph visualization. Make sure your screenshot is clear enough to see each node caption and edge. Name your screenshot: **LastName_hw5_Q4.jpg or .png**

- Finally compress your **LastName_hw5.txt**, **LastName_hw5_Q3.jpg,** and **LastName_hw5_Q4.jpg** files into either **.zip** or **.tar.gz** file. Name your archive **LastName_hw5.zip or .tar.gz.** Upload your archive file on to canvas.