CS 2230 Spring 2015

Lab7—Working with Tables

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Purpose

- Use OCCURS clause to define arrays and tables
- Retrieve data items stored in arrays and tables with subscript and index
- Use PERFORM VARYING or SEARCH statement to access arrays and tables
- Compile-time table and runtime table

Problem

- 1. Download Lab7.cbl AND lab7.dat from D2L.
- 2. Complete the **DOs** in Lab7.cbl
 - Define the table below as a compile-time table in the WORKING-STORAGE SECTION.

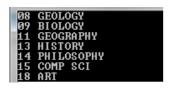
Wages	Tax Rate
1000	6%
2000	6.5%
3000	7%
4000	8%

• Use a PERFORM VARYING statement with a <u>subscript</u> to retrieve the data stored in the above table and display them on the screen as follows.

```
1,000 6.00%
2,000 6.50%
3,000 7.00%
```

4,000 8.00%

• Define a <u>runtime table</u> and load the data from lab7.dat. Use PERFORM VARYING statement with an index (rather than a subscript) to display the data loaded to your program as follows.



 Prompt the user to enter a department code, and use a SEARCH statement to look up the department table and display the department name.



3. **DEMO** and **SUBMIT**

- a. SHOW your program is displaying data correctly.
- b. **SUBMIT Lab7.cbl** to the Dropbox **Lab7.**