

## CS 200 > Assignment 4

### Problem:

You need to create a phone menu prompt system for your fictitious company. There should be an intro phone message “ Hello you have reached \_\_\_\_\_ Company...” (personalize this greeting for your company).

Then, set up a phone menu prompt for 4-6 departments, with unique greeting messages for each department once a customer chooses a department. (ex. Press 1 for accounting. Accounting message: “Good Day, you have reached the accounting department, and we are very busy crunching numbers, please leave a message.”)

First sort customer input prompt value data into valid (the range for the number of departments you set up) /invalid, and display an error message for all invalid entries, then process the valid data appropriately. Remember: phone value entries can be 0-9.

Note: Make sure your prompts & displayed outcomes will be to the screen and should be user friendly. Input is from the keyboard.

### Assignment Specifications:

Create a flowchart to solve this problem (flowchart must be submitted prior to coding)

Then, using jGrasp:

Code the problem in Java using if – else if - else branching method

Submit your source code (.java file)

Submit your output – Run for input 0-9 (saved in a notepad .txt file)

(see syllabus for assignment grading details)