

Richard Vannoy's Flowcharting and Pseudocode Course

Lab for Nested If

Create the pseudocode and the flow chart for the following task:

Task: A sales representative that has been employed for at least two years, and has annual sales in excess of \$50,000 is classified as Level 2, while employees not meeting both of these criteria, are classified as Level 1.

Description: Notice that there are only two final results, but you must ask two questions, and both of them must be true to award Level 2 to the sales rep.

Part 1: Write pseudocode that includes the following requirements:

- Steps should be sequentially numbered.
- The user begins at Step 1 and must eventually stop at the last step called "End".

Part 2: Draw the flow chart to solve this problem. Processing should begin at a "Start" oval and terminate at an "End" oval.

Select the shapes you need from the following:



Test Results: Test your results. Walk through the code to make sure that only a sales rep. with at least two years of service is classified as Level 2.

See one possible answer in the supplemental PDF document for this lesson.