

Carl. Ques 2 Assign 3

	Level 4	Level 3	Level 2	Level 1
ASD2				
communication	concerning to add to understanding, input one (communication) another	Flowchart - organized, proper spacing, correct symbols, proper language Comments - useful succinct, (block OR) not sparse, block at end of modification start date, programmer not a problem of communication. Notes on anything else must be included. Readability - code is easy to follow, enough white space user interface, clear language, no grammar or spelling errors IO either GSV or reading of array/variables IPO - proper than in terminology Graphics are used looking for margins & appropriate components - Standard screen size 1280 x 1024 Trace statements - variable name, steps and changes (Table/chart) As functions (and user) are efficient and work as expected Code efficiency - nested if's better into function or class	Poor spacing, some incorrect symbols, typing errors, lacking explanation, inline comments, or hard to read, or spelling mistakes on output or Programmer missing or modifications Adequate 2 or 3 grammar or spelling errors IO opens and closes properly but may be inefficient OR may be skipping certain lines/words Unclear steps or incorrect terminology Small graphics, features not intuitive Variable names don't match or missed a step Functions work, but confusing or inefficient Nested if's or lack of proper loops - does not take advantage of built in functions	poor organizations, many symbols used incorrectly for the concept attempting to convey, arrows in the wrong section or incorrect pointer Any two or more details missing or Clations/borrowed work not acknowledged OR more than 25% of code borrowed Needs improvement User interface not clear, poor language and or spelling and grammar errors hard coded words and forgot to close files missing information in columns or steps missing No graphics, just console that user would not necessarily have. Lost count on number of queues more confusing, complicate the existing error, or do not recognize it Hard coded where a user defined function or built in would suffice No functions or classes
Knowledge Thinking & Inquiry	With open or similar more advanced coding Description at top to clarify			
Thinking & Inquiry	Screen sizes to user systems Make it interactive. Colour or design helps user know what stage they are at			
Application	Could be class based Highly efficient, best possible, perhaps found a new function or way to complete the task			

Trace table missing versions + date. PO + flowchart good.
I/O should always be even checked. Otherwise
Very nice - expecting to see Python & C++.