

At the far end of the road, I see a

	Level 4	Level 3	Level 2	Level 1
ASD2				poor organizations, many symbols used incorrectly for the concept attempting to convey, arrows in the wrong section or incorrect pointer
communication	colouring to add to understanding, input one colour/output another	Flowchart - organized, proper spacing, correct symbols, proper language Comments - useful succinct (block OK), not sparse, block at top (modifications, start date, programmer name, problem description, Notes on anything special or unusual, citations) Readability - code is easy to follow, enough white space	Poor spacing, some incorrect symbols, typing errors	Any two or more details missing or Citations/borrowed work not acknowledged OR more than 25% of code borrowed
	Excellent User instructions that are clear and can be accessed at any time or Additional options, the procedure guide.	User interface, clear language, no grammar or spelling errors IO either CSV or txt - Open and closing, proper reading of all elements in the file and placing in an array/classes IPO - proper chart (headings), steps, proper terminology	Adequate	Needs improvement
Knowledge Thinking & Inquiry	With open or similar more advanced coding	Graphics are appropriate and professional looking for Hangman - word list appropriate components - Standard screen size 1280 x 1024 Trace statements - variable name, steps and changes (Table/chart) All functions (including user) are efficient and work as expected	2 or 3 grammar or spelling errors IO opens and closes properly but may be inefficient OR may be skipping certain lines/words	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
Thinking & Inquiry	Description at top to clarify Screen sizes to user systems. Make it interactive. Colour or design helps user understand what stage they are at.		Unclear steps or incorrect terminology	No graphics, just console that user would not necessarily have. Lost count on number of guesses more confusing, complicate the existing error, or do not recognize it. Hard coded where a user defined function or built in would suffice
Application	Could be class based Highly efficient, best possible, perhaps found a new function or way to complete the task	Code efficiency - nested if's better into function or class	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	No functions or classes

Cannot find Trace/ipo/flow? - oops - I won on the word bios, not being sure what to do next I pressed return + had a key appear on screen - after another return I lost. (any key seems to do this.) Your instructions did not ask for new game. Good program nice graphics. Nice interface.