## A3Q1

| | Level 4 | Level 3 | Level 2 | Level 1 |
|---|---|---|---|---|
| communication | colouring to add to understanding, input one colour/output another | Flowchart - organized, proper spacing, correct symbols, proper language | Poor spacing, some incorrect symbols, typing errors, | poor organizations, many symbols used incorrectly for the concept attempting to convey, arrows in the wrong section or incorrect pointer. |
| | | Comments - useful sincinct, (block OK), sparse, block at top (modific.., start date, programmer..e, problem description..on anything special or unusual, citations) | lacking explanation, inline coments, or hard to read, or spelling mistakes on output or Progammer missing or modifications | Any two or more details missing or Citations/borrowed work not acknowledged OR more than 25% of code borrowed |
| | Excellent | Readability - code is easy to follow, enough white space | Adequate | Needs improvement |
| Knowledge | Error checking. | recursion - identifies base case and parameters, call function | Inconsistent parameters in base case - works. but parameters defined in such a way as to make it more complex than required | Not sure of base case, could have an error an not end properly |
| Thinking & inquiry | Description at top to clarify | IPO - proper chart (headings), steps, proper terminology | Unclear steps or incorrect terminology | missing information in columns or steps missing |
| | | Proper Koch snowflake reiterated and created in front of the user | | |
| Thinking & inquiry | Rotate - above expectation. | Trace statements - variable name, steps and changes (Table/chart) | Stops mid way (typically error possibly handled) | more confusing, complicate the existing error, or do not recognize it. |
| | | Recursion - it works (base case) | Vanable names don't match or missed a step | |
| | | Steps - (needs to be truly recursive) - function | missing base case, hardcoded or error checked so infinite loop does not exist | Exteme failure |
| Application | Could be class based perhaps found a new function or | better into function or class. | does not take advantage of built in | No functions or classes |

Github - hoe 7676 a ___ Commits - Unsure which version trace is on pulled in hoe 7676 but cannot find today? Can't check history without username - Come back. Excellent snowflake - Decent time.