

Computing Science 10

SECTION 4

Pseudocode

Pseudocode is an informal high-level description of a computer program or other algorithm.

It uses the structural conventions of a programming language, but is intended for human reading rather than machine reading.

Textbooks and scientific publications related to computer science often use pseudocode in description of algorithms, so that all programmers can understand them, even if they do not all know the same programming language.

<u>EXAMPLE 1</u>	<u>EXAMPLE 2</u>
If student's grade is \geq to 60 Print "passed" else Print "failed" endif STOP	Set total to 0 Set grade counter to 1 While grade counter is \leq 10 Input the next grade Add the grade to the total endwhile Set the class average to the total / ten Print the class average. STOP

Assignment – Pseudocode

Write your own pseudocode to solve the problem of what grades you need for entrance into MAC:

Your pseudocode should look similar to example 1&2, and be understandable.(4 marks)

Your pseudocode should solve the problem.(2 marks)

Your pseudocode should include all proper conventions for if and else loops, including if/else/endif, or while and endwhile. The steps inside of the loop are indented.(3 marks)

Include the correct marks needed for entry into MAC 75% or higher in Math, English, Social, Science and Religion. (1 marks)

Save the document as a jpeg, pdf, rtf, or doc using the naming convention.
LastName_FirstName_Pseudocode