Algorithm

Input: Initiation of the program

Processing: Determine the time of day, display greeting, only one time per greeting, use a function to display greeting.

Output: Display the greeting on screen

Pseudocode

While the day is occurring:

Function that determines which greeting to use

If the hour is less than 12 print function

If the hour is less than 18 print function

If the hour is less than 22 print function

Else print function