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Program Description:

This program takes an email as input, and counts the number of keywords it has to determine if it is a spam/scam email.

Constants:

1. KEYWORDS: list of keywords that often are seen in spam emails

Functions used in the Program:

1. main()
   1. Description: Gets the input from the user, and displays the scam score afterwards
   2. Variables: potential\_scam: input, score: scam score of email, reasons: keywords that tripped the score filter
   3. Logical Steps:
      1. Get input
      2. Set score to the return value of user input using scan()
      3. Print score + message + reasons
2. scan()
   1. Description: scores how likely an email (string) is to be a scam/spam.
   2. Parameters: mail: the input string
   3. Variables: score: the score of the message, x: entries in the constant list
   4. Logical Steps:
      1. Set score to 0 such that it can be used
      2. Loop through entries of list, counting the occurrences of each entry in the input string
      3. Return the score and reasons
   5. Returns: score: the amount of keyword occurrences in the mail, and the keywords themselves as a list

Logical Steps:

1. main(); get input
2. scan() the input
3. Loop through keyword list, counting through input, and adding each used keyword to a list
4. Return score and reasons
5. Output score + message

Repository: <https://github.com/wcrmie/COP2373>