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Program Description: Research online some of the most common spam email messages and words. Create a list of 30 words and phrases commonly found in spam messages. Write an application in which the user enters an email message. Then your application will scan the message for each of the 30 keywords or phrases. For each occurrence of one of these within the message, add a point to the message's "spam score". Next, rate the likelihood that the message is spam, based on the number of points received. Display the user's spam score, the likelihood message that it is spam, and the words/phrases which caused it to be spam.

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Variables

spam\_count = 0

spam\_phrases = [list of phrases]

detected\_spam\_words = []

msg\_risk = set between 0, 1-5, 6-10, 11-30

email\_message = user input

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Function: email\_scan

Description: Takes an email message, converts to lowercase, splits into words, scans for spam phrases listed initially and outputs the spam count, risk of spam, and the exact phrases or words that were detected as spam.

Parameters: (message) is used to be able to accept any form of message in the email, working flexibly with the code overall. (email\_message) is an argument used at the end so the function knows exactly what the user is looking for no matter what they email in.

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Logical Steps:

1. Create Spam List

2. Ask user for email message

3. Scan email for spam using a function

4. In the same function, account for spam words and place message in a certain spam risk level:

0 is no spam detected, low risk being 1-5 words found, medium risk being 6-10 words and higher than 10 being high risk.

5. Display risk of spam level, spam score (number of phrase words found), and the specific spam words detected.

6. Call function and close out code.

LINK: