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Program Description: The program scans an email that the user inputs. It searches for keywords used in spam emails. If it finds spam words, it will add them to a list and keep score of how many. The program will then display the collected data to the user.   
Functions used in the Program: scoreCalculator, spamPercentage, and main.

1. Function Name: scoreCalculator   
Description: Counts how many spam keywords are used in the email.  
Parameters: This function takes in the parameter (email) so it can scan the email for keywords.   
Variables: (score) is the first variable used in the program, it represents the number of keywords used in the email. (foundKeywords) is the next variable, it represents a list of the keywords that are used in the email.   
Logical Steps: First, the parameter (email) is called. Next, the function initializes the variables (score) and the list (foundKeywords). The next thing it does is convert the email to lowercase. Then it analyzes each word in the email, searching for a keyword. If any are found, one is added to the score, and the word is added to a list. Lastly, it returns the score and the keywords  
Returns: The function returns the score, which is the number of keywords used and it returns the keywords used in the email.

2. Function Name: spamPercentage   
Description: Figures out how likely the email is to be spam based on how many keywords are found

Parameters: This function only intakes the parameter (score)  
Variables: The only variable used in this function is (score) It compares score to several values to determine its spam percentage   
Logical Steps: First, (score) is called. Next, score is compared to different numbers to determine if it is spam or not.

Returns: For each score, a different phrase is returned. This phrase is printed out in the final function

3. Function Name: main  
Description: Gathers and prints the information refined by the previous functions  
Parameters: none  
Variables: The variable (email) is used to represent the email that is being checked by the program. The variable (score) and (foundKeywords) are used to calculate the likelihood of the email being spam. ([L]ikelihood) is used to represent the percentage of the email being spam.   
Logical Steps: First the function gathers the email information. It then runs the other functions so they can do their calculations. In the end it prints all of the information out   
Returns: Information about the email to the user

1. List the order in which your functions are called.

main

scoreCalculator

spamPercentage

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