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* The first search(search.py) is to check through the lines in the text file “mboxshort.txt” if they begin with the word “From”, if a line has the word “From” inside it gets printed out as the output.
* The second search (search2.py) checks for and prints out occurences of “@uct.ac.za” while the “line = line.rstrip()” removes the trailing white spaces on the lines i.e. if this part of the code is commented out, there will be white spaces per-line of the output but if it is left as is, there will be no trailing whitespaces.
* The third search (search3.py) first of all asks for a file to be opened, if the file doesn’t exist in the specified directory an error is displayed saying there is no such file but when an existing file name is passed and is found the program goes further to check for how many times “Subject: ” appeared in the file which is 27.
* Count.py does a word count on every word that is in the specified file and outputs it as a dictionary where the word is the key and the count is the value/number.