

Spell Checker

Names & IDs:

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Contribution of each member:

Abdelrahman Ahmed: 1- Made function "Make_List_Of_Words" which Collect take the text from GUI and filter the text to choose the suitable words for that text and return list with the suitable words for each text.
2- Made function "Make_New_Sentance" which choose best word from each list it received from "Make_List_Of_Words" function and return with new text to put it the second Text Box.

Mariam Ebrahim: 1- Made the full project GUI.
2- Made function "Check_Quality_Of_Paragraph" which take the second Text Box text and check if it contain keywords of compound and complex in order to give it feed back of the text quality.

Ahmed Dahy: 1- Collected English dictionary from "https://www.oxfordlearnersdictionaries.com/wordlist/english/oxford3000/Oxford3000_A-B/" and put it at "Dicanory.txt" file then made this file work as List at python script at "Lists.py".

2- Made function "Change_EditBox_Color" which take the list of wrong words which had been edited

Mohammed Essam: 1- Made function "change_List_Into_String_With_New_Lines" which take list of suitable words for text and make it as string each with a line.
2-Made function "Num_Of_Differance" which takes First Text and Second Text and checks how many differance between them and return number of differance.

Project Abstract

The project is titled Spell checker in order to check text spelling , and fix it if there is any wrong spelling . The project is fully developed in Python programming language.

"Spell Checker" project is made for checking full essay spelling , and correcting it , as well as , giving user feed back of the essay of it's quality if the user entered complex and compound sentences the program give him feed back "Excellent" , and if it contain only compound , or only complex sentences it give user "Good" quality . While if there is no compound or complex it send "Bad" quality as feed back . Programme also count number of wrong spelling words and show it at label . The programme use English dictionary in order to check the spelling of each word and choose best suitable word according to alphabetic order.