

In [8]: `pip install textblob`

```
Requirement already satisfied: textblob in c:\users\dell\anaconda3\lib\site-packa
ges (0.19.0)
Requirement already satisfied: nltk>=3.9 in c:\users\dell\anaconda3\lib\site-pack
ages (from textblob) (3.9.1)
Requirement already satisfied: click in c:\users\dell\anaconda3\lib\site-packages
(from nltk>=3.9->textblob) (8.1.7)
Requirement already satisfied: joblib in c:\users\dell\anaconda3\lib\site-package
s (from nltk>=3.9->textblob) (1.2.0)
Requirement already satisfied: regex>=2021.8.3 in c:\users\dell\anaconda3\lib\sit
e-packages (from nltk>=3.9->textblob) (2023.10.3)
Requirement already satisfied: tqdm in c:\users\dell\anaconda3\lib\site-packages
(from nltk>=3.9->textblob) (4.65.0)
Requirement already satisfied: colorama in c:\users\dell\anaconda3\lib\site-packa
ges (from click->nltk>=3.9->textblob) (0.4.6)
Note: you may need to restart the kernel to use updated packages.
```

In [6]: `import nltk`
`nltk.download('punkt')`

```
[nltk_data] Downloading package punkt to
[nltk_data]      C:\Users\DELL\AppData\Roaming\nltk_data...
[nltk_data] Package punkt is already up-to-date!
```

Out[6]: `True`

```
In [ ]: from textblob import TextBlob
from tkinter import *

def Auto_correct():
    corrected_words = []
    text = Input_text.get(1.0, END).split()
    for word in text:
        corrected = TextBlob(word).correct()
        corrected_words.append(str(corrected))

    Output_text.delete(1.0, END)
    Output_text.insert(END, " ".join(corrected_words))

# Create main window
mainwin = Tk()
mainwin.geometry('700x400')
mainwin.resizable(False, False)
mainwin.title("Auto Correct")
mainwin.config(bg="#82CECC")

# Optional icon (Make sure image file exists and path is correct)
try:
    mainwin.iconphoto(False, PhotoImage(file=r"C:\Users\DELL\Downloads\icon.png"))
except:
    pass # Skip icon if file not found

# Input Label
input_label = Label(mainwin, text="Enter text:", bg="#82CECC", font=("Arial", 14))
input_label.pack(pady=(10, 0))

# Input Text box
Input_text = Text(mainwin, height=5, width=80, font=("Arial", 12))
```

```
Input_text.pack(pady=10)

# Button
btn = Button(mainwin, text="Auto Correct", command=Auto_correct, bg="#4CAF50", f
btn.pack(pady=10)

# Output Label
output_label = Label(mainwin, text="Corrected text:", bg="#82CECC", font=("Arial
output_label.pack(pady=(10, 0))

# Output Text box
Output_text = Text(mainwin, height=5, width=80, font=("Arial", 12))
Output_text.pack(pady=10)

# Run the GUI
mainwin.mainloop()
```

In []: