from googletrans import Translator

#This line imports the Translator class from the googletrans module.

def translate\_text(text, dest\_language):

#translate\_text function. It takes two parameters: text (the text to be translated) and dest\_language (the destination language)

translator = Translator()

try:

translation = translator.translate(text, dest=dest\_language)

translated\_text = translation.text

return translated\_text

except Exception as e:

print("Translation failed. Error:", str(e))

return None

#If the translation is successful, the translated text is returned.

#If an exception occurs during translation, an error message is printed, and None is returned.

def get\_input(prompt):

#defines the get\_input function. It takes a prompt as a parameter, which is the message displayed to the user. Inside the function:

value = input(prompt).strip()

#input(prompt) to display the prompt and get input from the user.

while not value:

print("Invalid input. Please try again.")

value = input(prompt).strip()

return value

def main():

#defines the main function, which serves as the entry point of the program. Inside the function:

print("Language Translator")

print("-------------------")

text = get\_input("Enter the text to translate: ")

destination\_language = get\_input("Enter the destination language: ")

translated\_text = translate\_text(text, destination\_language)

#translate\_text function is called with the user-provided text and destination\_language

# and the translated text is stored in the translated\_text variable.

if translated\_text:

#If the translation is successful (i.e., translated\_text is not None), the translated text is printed.

print("\nTranslated Text:")

print(translated\_text)

if \_name\_ == "\_main\_":

main()