



A L P C S

PROJECT II



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goals

TRANSLATION

**IMPLEMENTING
GRADIO**



the code

```
import gradio as gr
from translate import Translator

def translate_text(text, to_language):
    if to_language == "Hindi":
        translator = Translator(to_lang='hi')
        translation = translator.translate(text)
    else:
        translator = Translator(to_lang=to_language.lower())
        translation = translator.translate(text)
    return translation

iface = gr.Interface(
    fn=translate_text,
    inputs=[
        "text",
        gr.inputs.Dropdown(choices=["Spanish", "French", "German", "Italian",
        "Arabic", "Hindi"], label="Translate to:")
    ],
    outputs=[gr.outputs.Textbox(label="Translation: ")],
    title="Translation",
    description="Translate text into different languages!"
)

iface.launch(share=True)
```



explaining the code

This code creates a program that translates text into different languages. It uses the Gradio library to create a graphical user interface (GUI) that allows the user to input the text to translate and select the language to translate to from a dropdown menu. The program then uses the translate library to translate the text and returns the translation in a textbox in the GUI.




the output

Translation

Translate text into different languages!

text

with great power comes great responsibility



Translate to:

Arabic

Clear

Submit

Translation:

كلما زادت القدرة زادت المسؤولية

Flag



THANK YOU

