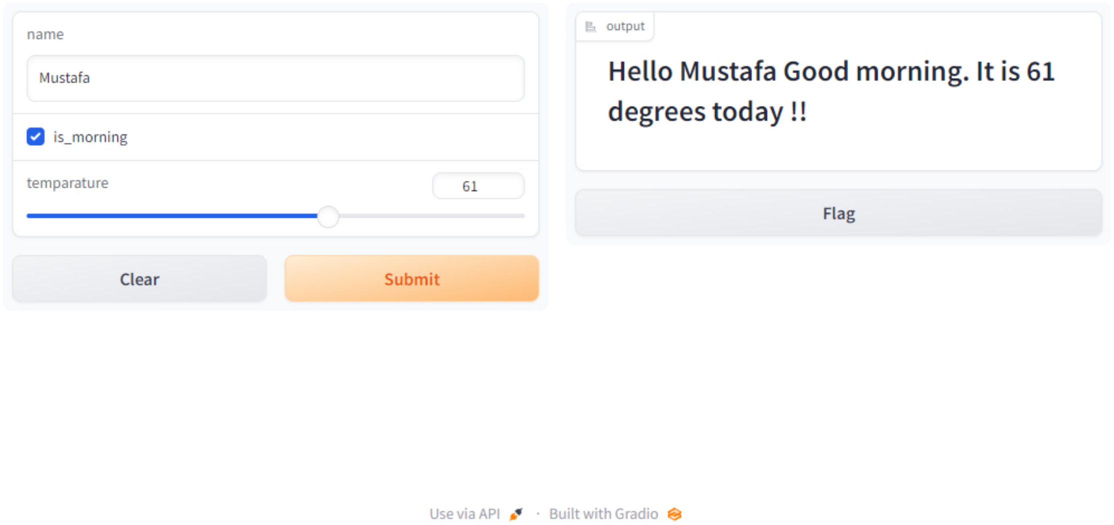
Greeting Appliation

In [1]:
```python
import gradio as gr

#Close all old instances.
gr.close_all()

def greet_adv(name, is_morning, temparature):
    salutation = "Good morning" if is_morning else "Good evening"
    greeting = f"Hello {name} {salutation}. It is {temparature} degrees today !!"
    return greeting

gr.Interface(fn=greet_adv,
             inputs=["text","checkbox", gr.Slider(0,100)],
             outputs="label").launch()
```

```
Running on local URL:  http://127.0.0.1:7860

To create a public link, set `share=True` in `launch()`.
```



name

Mustafa

☑ is_morning

temparature 61

output

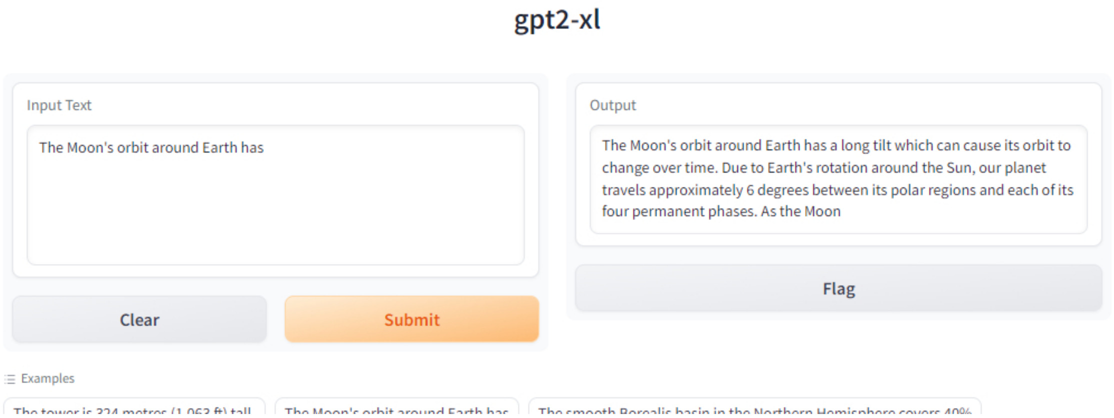
Hello Mustafa Good morning. It is 61 degrees today !!

Out[1]:

Simple Chatbot with - gpt2-xlgpt2-xl - Huggingface

In [2]:
```python
import gradio as gr

title = "gpt2-xl"

examples = [
    ["The tower is 324 metres (1,063 ft) tall,"],
    ["The Moon's orbit around Earth has"],
    ["The smooth Borealis basin in the Northern Hemisphere covers 40%"],
]

demo = gr.load(
    "huggingface/gpt2-xl",
    inputs=gr.Textbox(lines=5, max_lines=6, label="Input Text"),
    title=title,
    examples=examples,
)

if __name__ == "__main__":
    demo.launch()
```

```
Fetching model from: https://huggingface.co/gpt2-xl
Running on local URL:  http://127.0.0.1:7861

To create a public link, set `share=True` in `launch()`.
```



gpt2-xl

Input Text

The Moon's orbit around Earth has

Output

The Moon's orbit around Earth has a long tilt which can cause its orbit to change over time. Due to Earth's rotation around the Sun, our planet travels approximately 6 degrees between its polar regions and each of its four permanent phases. As the Moon

Flag
Clear
Submit
Examples
The tower is 324 metres (1,063 ft) tall,
The Moon's orbit around Earth has
The smooth Borealis basin in the Northern Hemisphere covers 40%

The tower is 324 metres (1,083 ft) tall, | The Moon's orbit around Earth has | The smooth Borealis basin in the Northern Hemisphere covers 40%

Use via API · Built with Gradio

Image Classifiction - HuggingFace Model - image-classificationimage-classification

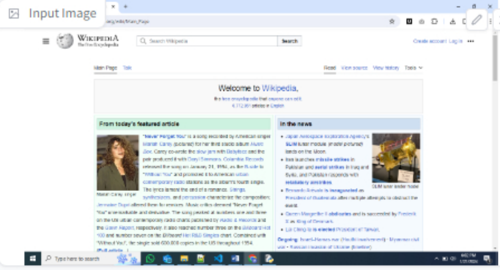
In [3]:

```
import gradio as gr

from transformers import pipeline

pipe = pipeline("image-classification")

# gr.close_all()
gr.Interface.from_pipeline(pipe).launch()
```

```
No model was supplied, defaulted to google/vit-base-patch16-224 and revision 5dca96d (https://huggingface.co/google/vit-base-patch16-224).
Using a pipeline without specifying a model name and revision in production is not recommended.
Running on local URL:  http://127.0.0.1:7862

To create a public link, set `share=True` in `launch()`.
```

ViTForImageClassification

Input Image



Clear | Submit

Classification

web site

```
web site ............................ 100%
screen ................................ 0%
analog clock .......................... 0%
hand-held computer .................... 0%
space bar ............................. 0%
```

Flag

Use via API · Built with Gradio

Out[3]:

Simple Chat Interface

In [4]:

```
import gradio as gr

def echo(message, histroy):
    return message

demo = gr.ChatInterface(fn=echo, examples =['Hi', 'Hello'], title='Echo Bot')

demo.launch()
```

```
Running on local URL:  http://127.0.0.1:7863

To create a public link, set `share=True` in `launch()`.
```

Echo Bot

Chatbot

hello

hello

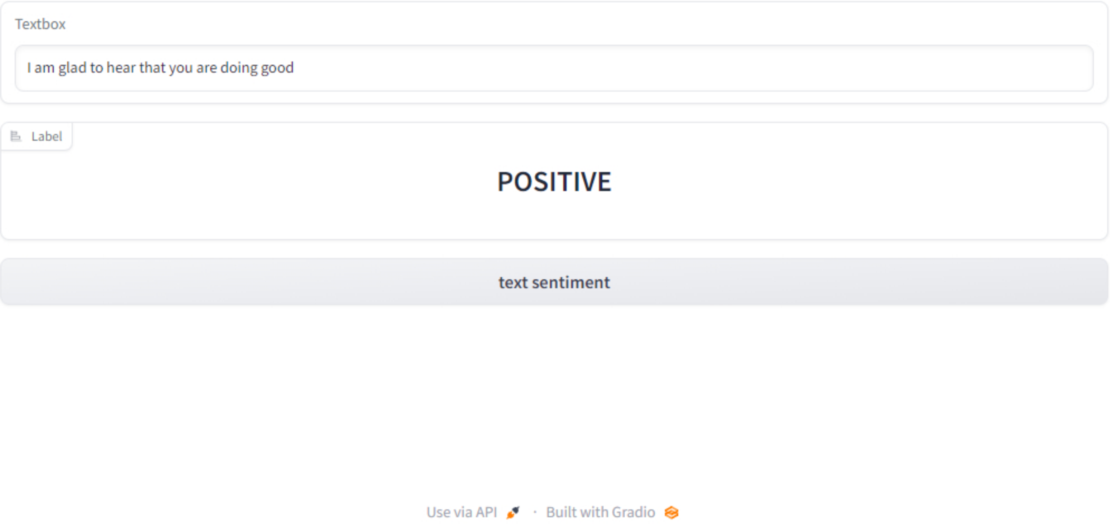
Out[4]:

Sentiment analsys - Huggingface model - text-classification

In [5]:

```
from transformers import pipeline

import gradio as gr

text_sentiment = pipeline("text-classification")

def get_text_sentiment(text):
    sentiment = text_sentiment(text)[0]["label"]
    return sentiment

demo = gr.Blocks()

with demo:
    text = gr.Textbox()
    label = gr.Label()

    b2 = gr.Button("text sentiment")

    b2.click(get_text_sentiment, inputs=text, outputs=label)


if __name__ == "__main__":
    demo.launch()
```

```
No model was supplied, defaulted to distilbert-base-uncased-finetuned-sst-2-english and revision af0f99b (https://huggingface.co/distilbert-base-uncased-finetuned-sst-2-engl
ish).
Using a pipeline without specifying a model name and revision in production is not recommended.
Running on local URL:  http://127.0.0.1:7864

To create a public link, set `share=True` in `launch()`.
```



I am glad to hear that you are doing good

POSITIVE