⌄ STEP 1: Install Required Libraries

```
!pip install huggingface_hub
!pip install transformers gradio
```

```
Requirement already satisfied: huggingface_hub in /usr/local/lib/python3.11/dist-packages (0.31.2)
Requirement already satisfied: filelock in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (3.18.0)
Requirement already satisfied: fsspec>=2023.5.0 in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (2025.3.2)
Requirement already satisfied: packaging>=20.9 in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (24.2)
Requirement already satisfied: pyyaml>=5.1 in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (6.0.2)
Requirement already satisfied: requests in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (2.32.3)
Requirement already satisfied: tqdm>=4.42.1 in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (4.67.1)
Requirement already satisfied: typing-extensions>=3.7.4.3 in /usr/local/lib/python3.11/dist-packages (from huggingface_hub) (4.13.2)
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.11/dist-packages (from requests->huggingface_hub) (
Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.11/dist-packages (from requests->huggingface_hub) (3.10)
Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.11/dist-packages (from requests->huggingface_hub) (2.4.0)
Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.11/dist-packages (from requests->huggingface_hub) (2025.4
Requirement already satisfied: transformers in /usr/local/lib/python3.11/dist-packages (4.51.3)
Collecting gradio
  Downloading gradio-5.31.0-py3-none-any.whl.metadata (16 kB)
Requirement already satisfied: filelock in /usr/local/lib/python3.11/dist-packages (from transformers) (3.18.0)
Requirement already satisfied: huggingface-hub<1.0,>=0.30.0 in /usr/local/lib/python3.11/dist-packages (from transformers) (0.31.2)
Requirement already satisfied: numpy>=1.17 in /usr/local/lib/python3.11/dist-packages (from transformers) (2.0.2)
Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.11/dist-packages (from transformers) (24.2)
Requirement already satisfied: pyyaml>=5.1 in /usr/local/lib/python3.11/dist-packages (from transformers) (6.0.2)
Requirement already satisfied: regex!=2019.12.17 in /usr/local/lib/python3.11/dist-packages (from transformers) (2024.11.6)
Requirement already satisfied: requests in /usr/local/lib/python3.11/dist-packages (from transformers) (2.32.3)
Requirement already satisfied: tokenizers<0.22,>=0.21 in /usr/local/lib/python3.11/dist-packages (from transformers) (0.21.1)
Requirement already satisfied: safetensors>=0.4.3 in /usr/local/lib/python3.11/dist-packages (from transformers) (0.5.3)
Requirement already satisfied: tqdm>=4.27 in /usr/local/lib/python3.11/dist-packages (from transformers) (4.67.1)
Collecting aiofiles<25.0,>=22.0 (from gradio)
  Downloading aiofiles-24.1.0-py3-none-any.whl.metadata (10 kB)
Requirement already satisfied: anyio<5.0,>=3.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (4.9.0)
Collecting fastapi<1.0,>=0.115.2 (from gradio)
  Downloading fastapi-0.115.12-py3-none-any.whl.metadata (27 kB)
Collecting ffmpy (from gradio)
  Downloading ffmpy-0.5.0-py3-none-any.whl.metadata (3.0 kB)
Collecting gradio-client==1.10.1 (from gradio)
  Downloading gradio_client-1.10.1-py3-none-any.whl.metadata (7.1 kB)
Collecting groovy~=0.1 (from gradio)
  Downloading groovy-0.1.2-py3-none-any.whl.metadata (6.1 kB)
Requirement already satisfied: httpx>=0.24.1 in /usr/local/lib/python3.11/dist-packages (from gradio) (0.28.1)
Requirement already satisfied: jinja2<4.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (3.1.6)
Requirement already satisfied: markupsafe<4.0,>=2.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (3.0.2)
Requirement already satisfied: orjson~=3.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (3.10.18)
Requirement already satisfied: pandas<3.0,>=1.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (2.2.2)
Requirement already satisfied: pillow<12.0,>=8.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (11.2.1)
Requirement already satisfied: pydantic<2.12,>=2.0 in /usr/local/lib/python3.11/dist-packages (from gradio) (2.11.4)
Collecting pydub (from gradio)
  Downloading pydub-0.25.1-py2.py3-none-any.whl.metadata (1.4 kB)
Collecting python-multipart>=0.0.18 (from gradio)
  Downloading python_multipart-0.0.20-py3-none-any.whl.metadata (1.8 kB)
Collecting ruff>=0.9.3 (from gradio)
  Downloading ruff-0.11.11-py3-none-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.metadata (25 kB)
Collecting safehttpx<0.2.0,>=0.1.6 (from gradio)
  Downloading safehttpx-0.1.6-py3-none-any.whl.metadata (4.2 kB)
Collecting semantic-version~=2.0 (from gradio)
  Downloading semantic_version-2.10.0-py2.py3-none-any.whl.metadata (9.7 kB)
Collecting starlette<1.0,>=0.40.0 (from gradio)
  Downloading starlette-0.46.2-py3-none-any.whl.metadata (6.2 kB)
Collecting tomlkit<0.14.0,>=0.12.0 (from gradio)
  Downloading tomlkit-0.13.2-py3-none-any.whl.metadata (2.7 kB)
```

STEP 2: Import Python Libraries

```
from transformers import pipeline
import gradio as gr
```

⌄ STEP 3: Logic function for generating mental health advice

```
def school_wellbeing_advice(name, role, challenges, goal):
    return f"""
👤 **{name}**
🏫 **Role in School:** {role}
```

⚠️ **Challenges:** {challenges}
🎯 **Well-being Goal:** {goal}

💡 **AI Mental Health Insight:**
Mental well-being is crucial in the school environment.
Since you're facing **{challenges}**, it's important to acknowledge those feelings and seek healthy coping strategies.

🧘 To help you move toward your goal of **{goal}**, consider:
- Practicing mindfulness or breathing exercises during breaks
- Talking to a counselor or trusted adult
- Keeping a daily reflection or gratitude journal
- Staying connected with peers or support groups

🤝 You're not alone—mental health matters for everyone in a school community.

⚠️ *Note: This is general wellness advice and not a substitute for professional mental health care.*
"""

⌄ STEP 4: Build the Gradio interface

```
with gr.Blocks(title="EduWell: School Mental Health Companion") as iface:
    with gr.Column():
        gr.Markdown("<h1 style='text-align: center; color:#4682B4;'>🧠 EduWell: Mental Health & Well-being in Schools</h1>")
        gr.Markdown("<p style='text-align: center;'>Receive supportive guidance for managing emotional and mental health challenges in schoo
    with gr.Row():
        name = gr.Textbox(label="👤 Name", placeholder="e.g., Alex")
        role = gr.Dropdown(choices=["Student", "Teacher", "Counselor", "Administrator", "Parent"], label="🏫 Your Role in School")
    with gr.Row():
        challenges = gr.Textbox(label="💬 What challenges are you facing?", placeholder="e.g., anxiety, peer pressure, burnout, isolation")
        goal = gr.Textbox(label="🌈 What is your mental health or well-being goal?", placeholder="e.g., feel more focused, reduce stress, bu
    with gr.Row():
        submit = gr.Button("💬 Get Supportive Advice")
    output = gr.Markdown()
    submit.click(fn=school_wellbeing_advice, inputs=[name, role, challenges, goal], outputs=output)
```

⌄ STEP 5: Launch App with Public Link
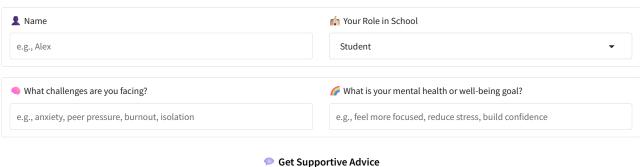
```
iface.launch(share=True)
```

⇥ Colab notebook detected. To show errors in colab notebook, set debug=True in launch()
   * Running on public URL: https://f2a4d1cad589e22a42.gradio.live

   This share link expires in 1 week. For free permanent hosting and GPU upgrades, run `gradio deploy` from the terminal in the working dir

🧠 EduWell: Mental Health & Well-being in Schools

Receive supportive guidance for managing emotional and mental health challenges in school settings.

👤 Name

e.g., Alex

🏫 Your Role in School

Student ▾

💬 What challenges are you facing?

e.g., anxiety, peer pressure, burnout, isolation

🌈 What is your mental health or well-being goal?

e.g., feel more focused, reduce stress, build confidence

💬 **Get Supportive Advice**

Use via API 🚀 · Built with Gradio 🧡 · Settings ⚙️