Gradio App for Maternal Health Risk Scoring

```
import gradio as gr
import joblib
import numpy as np

# Load trained Random Forest model
model = joblib.load("risk_model.joblib")  # Make sure riskmodel.joblib is in the same folder!

def predictrisk(age, systolicbp, diastolicbp, bloodsugar, bodytemp, heartrate):
    # Put inputs in the correct format (2D array for sklearn)
    input_data = np.array([[age, systolicbp, diastolicbp, bloodsugar, bodytemp, heartrate]])
    prediction = model.predict(input_data)[0]  # Single prediction
    return "High Risk" if prediction == 1 else "Low Risk"

iface = gr.Interface(
    fn=predictrisk,
    inputs=[
        gr.Number(label="Age"),
        gr.Number(label="Systolic BP"),
        gr.Number(label="Diastolic BP"),
        gr.Number(label="Blood Sugar"),
        gr.Number(label="Body Temp"),
        gr.Number(label="Heart Rate"),
    ],
    outputs="text",
    title="Maternal Health Risk Scoring",
    description="Enter patient vital signs to predict maternal health risk (bare bones demo)."
)

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