

pywebio

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from pywebio.platform.flask import webio_view, FlaskHttpContext
from flask import Flask, request, send_from_directory, current_app, url_for
from pywebio.input import *
from pywebio.output import *
from pywebio.session import *

app = Flask(__name__)

def bmi():
    current_url = eval_js("window.location.href")
    from urllib.parse import urlsplit, parse_qs

    query = urlsplit(current_url).query
    params = parse_qs(query)

    # Convert the dictionary values from lists to single values
    flat_params = {k: v[0] for k, v in params.items()}

    put_text(flat_params)
    #put_text(current_url)
    height = input("Input your height(cm)", type=FLOAT)
    weight = input("Input your weight(kg)", type=FLOAT)

    BMI = weight / (height / 100) ** 2

    top_status = [(16, 'Severely underweight'), (18.5, 'Underweight'),
                  (25, 'Normal'), (30, 'Overweight'),
                  (35, 'Moderately obese'), (float('inf'), 'Severely obese')]

    for top, status in top_status:
        if BMI <= top:
            put_text('Your BMI: %.1f. Category: %s' % (BMI, status))
            break

app.add_url_rule('/tool', 'test', webio_view(bmi), methods=['GET', 'POST', 'OPTIONS'])
#, provide_automatic_options= True)
app.run(host='0.0.0.0', port=8888)
```

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