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Stock Portfolio Tracker
Task2:
   SOURCE code;
        from flask import Flask, request, isonify
import requests
app = Flask(__name__)
portfolio = []
# Function to get real-time stock price
def get_stock_price(symbol):
  api_key = 'YOUR_API_KEY'
  url =
f'https://www.alphavantage.co/query?function=GLOBAL_QUOTE&symbol={symbol}&api
key={api_key}'
  response = requests.get(url)
  data = response.json()
  return float(data['Global Quote']['05. price'])
@app.route('/add_stock', methods=['POST'])
def add stock():
  data = request.json
  symbol = data['symbol']
  shares = data['shares']
  purchase_price = get_stock_price(symbol)
  portfolio.append({'symbol': symbol, 'shares': shares, 'purchase_price':
purchase_price})
  return jsonify({"message": "Stock added", "portfolio": portfolio})
@app.route('/remove_stock', methods=['POST'])
def remove stock():
  data = request.json
  symbol = data['symbol']
  portfolio[:] = [stock for stock in portfolio if stock['symbol'] != symbol]
  return jsonify({"message": "Stock removed", "portfolio": portfolio})
@app.route('/portfolio', methods=['GET'])
def get_portfolio():
  for stock in portfolio:
    stock['current_price'] = get_stock_price(stock['symbol'])
    stock['value'] = stock['current_price'] * stock['shares']
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