**10.Flask Quiz App**

A beginner-friendly quiz application built with Flask. Users can log in, take a quiz, see their results, and logout.

**Features**

* User login (in-memory users)
* Multiple choice quiz questions
* Score tracking during quiz
* Result page showing score

**Tech Stack**

* Backend: Flask (Python)
* Frontend: HTML, CSS
* Tools: Python 3, pip, virtual environment

**How to Run the Project**

**Pre-require:**

* Python 3 installed
* pip (Python package manager) installed

**1. Setup Python Virtual Environment**

Create and activate a virtual environment to isolate dependencies:

python -m venv venv

Activate the virtual environment (Windows):

venv\Scripts\activate

**2. Install pip**

python -m pip install

**3. install flask**

python -m pip install flask

**4. Save the Flask app code**

Save your provided Flask app code in a file named app.py in your project folder.

**5. Run the Flask Development Server**

python -m flask --app .\app.py run

python -m flask --app app.py --debug run

Open your browser and go to:

http://127.0.0.1:5000

Screenshots:  
  
  
  


