

HTTP Pickle Serialization

Problem Description

You need to create an HTTP client that fetches data from a web API and serializes the response using Python's pickle module. The client connects to the Picsum Photos API, gets photo information, and serializes the raw response data using pickle.

API Endpoint

- URL: `https://picsum.photos/id/216/info`
- Method: GET

Requirements

1. Use `http.client` module for HTTPS connection
2. Serialize the raw response data (bytes) using pickle
3. Handle HTTP errors and exceptions properly
4. Support command-line modes: 'run' vs test mode

Input: None.

Output:

=> Execution Mode (`python skeleton.py run`)

Serialized:

```
b'\x80\x04\x95\xab\x00\x00\x00\x00\x00\x00\x00C\xa7{"id":"216","author":"Paul Jarvis","width":2500,"height":1667,"url":"https://unsplash.com/photos/9702xTENR-M","download_url":"https://picsum.photos/id/216/2500/1667"}\n\x94.'
```

Deserialized:

```
{"id":"216","author":"Paul Jarvis","width":2500,"height":1667,"url":"https://unsplash.com/photos/9702xTENR-M","download_url":"https://picsum.photos/id/216/2500/1667"}
```

=> Unit Test Mode (`python skeleton.py`)

```
test attribute passed: 200 is equal to 200
test attribute passed: 216 is equal to 216
test attribute passed: Paul Jarvis is equal to Paul Jarvis
test attribute passed: 2500 is equal to 2500
test attribute passed: 1667 is equal to 1667
```