JSON and Pickle-based Client

Problem description

You are asked to simulate a basic HTTP client that connects to a specific image service (https://picsum.photos) to fetch image metadata. Your job is to send a G ET request to retrieve image metadata in JSON format and serialize it using Pyth on's pickle module.

Once the data is serialized, you should be able to deserialize it and verify its contents. The server will respond with information about image ID 216.

- Connect to https://picsum.photos.
- Send a GET request to the path /id/216/info.
- If the status code is 200, serialize the response content using pickle.dumps()
- Return the serialized data.
- If any error occurs or the response status is not 200, return the string "Request Failed" or "Request Failed: <error>".
 The http_pickle() function returns either:
- - A pickled byte string if successful.
- A string message "Request Failed" or "Request Failed: <error>" in case of failure.

If deserialized correctly, the result should match the following JSON response:

```
{
          "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"
```

Output (with unit test)

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