

```
import datetime
```

```
import requests
```

```
# Base URL
```

```
base_url = "https://httpbin.org"
```

```
# Function to send GET request and validate response code
```

```
def test_get_request():
```

```
    response = requests.get(f"{base_url}/get")
```

```
    assert response.status_code == 200
```

```
    print("GET request successful. Response code:", response.status_code)
```

```
# Function to send POST request with JSON body and validate response contains relevant data
```

```
def test_post_request():
```

```
    payload = {"key": "value"}
```

```
    response = requests.post(f"{base_url}/post", json=payload)
```

```
    assert response.status_code == 200
```

```
    assert response.json()["json"] == payload
```

```
    print("POST request successful. Response contains relevant data.")
```

```
# Function to validate request with delayed response
```

```
def test_delayed_request():
```

```
    delay_time = 5
```

```
    print(datetime.datetime.now())
```

```
    response = requests.get(f"{base_url}/delay/{delay_time}")
```

```
    assert response.status_code == 200
```

```
    print(datetime.datetime.now())
```

```
    print(f"Delayed request with {delay_time} seconds successful.")
```

```
# Function to simulate Unauthorized Access
```

```
def test_unauthorized_access():
```

```
    response = requests.get(f"{base_url}/status/401")
```

```
    assert response.status_code == 401
```

```
    print("Unauthorized access simulated successfully.")
```

```
# Function to simulate a negative scenario (e.g., sending a request to an invalid endpoint)
```

```
def test_negative_scenario():
```

```
    response = requests.get(f"{base_url}/invalid_endpoint")
```

```
    assert response.status_code == 404
```

```
    print("Negative scenario simulated successfully.")
```