08b-documentation

September 16, 2022

1 Documentation (optional)

- You can find the guidelines for documenting Python in PEP257 – Docstring conventions.
- Any object can be documented, and you can use either one-line or multi-line docstrings

```python
[1]: def square(n):
         """Return the square of a number n. """
         return n ** 2

     def get_username(userid):
         """Returns the username of a user given its id.
             :param userid: user's id
         """
         return db.get(user_id=userid).username
```

Another example

```python
[2]:  def connect(host, port, user, password):
          """Connect to a database.

          Connect to a PostgreSQL database directly, using the given
          parameters.
          :param host: The host IP.
          :param port: The desired port.
          :param user: The connection username.
          :param password: The connection password.
          :return: The connection object.
          """
          # body of the function goes here...
          return connection
```

To see how ot generate your documentation in pdf, html etc. go to https://www.sphinx-doc.org/

```python
[ ]:
```