exercise 6

1) Code a web app located under resource paths /today
the current date, the
/time   current time,
/untilNewYear   the remaining time until 01/01/2023, 0:00h
spends
When querying non-existent resources, a corresponding message
should be displayed to the client.

You could use, among other things:

https://docs.python.org/3/library/datetime.html
https://docs.python.org/3/library/http.server.html

2) Provide your web app with transport encryption.

3) Show using Wireshark log snippets
a) the unencrypted dialog between client and server in the original
version of your web app (task 1)
b) the encrypted dialog between client and server after you have
applied the transport encryption (task 2)
c) the actually encrypted dialog with the decryption performed
by Wireshark (task 2).