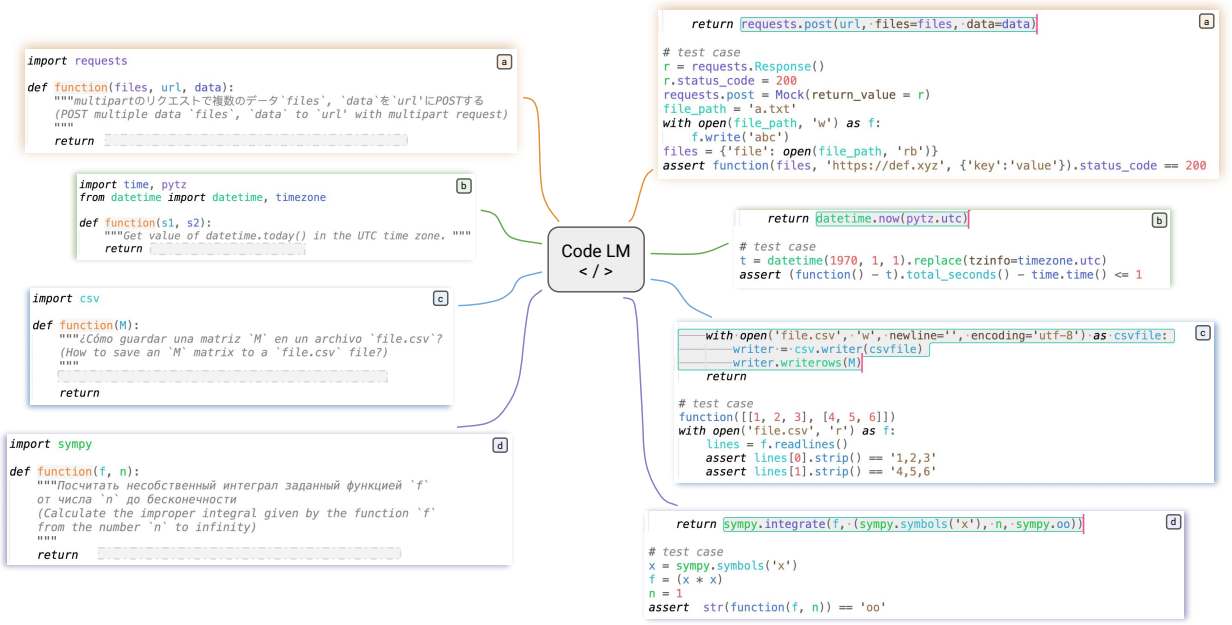
Code LM
< / >
a
import requests
def function(files, url, data):
"""multipartのリクエストで複数のデータ`files`, `data`を`url'にPOSTする
(POST multiple data `files`, `data` to `url' with multipart request)
"""
return
a
return requests.post(url, files=files, data=data)
# test case
r = requests.Response()
r.status_code = 200
requests.post = Mock(return_value = r)
file_path = 'a.txt'
with open(file_path, 'w') as f:
f.write('abc')
files = {'file': open(file_path, 'rb')}
assert function(files, 'https://def.xyz', {'key':'value'}).status_code == 200
b
import time, pytz
from datetime import datetime, timezone
def function(s1, s2):
"""Get value of datetime.today() in the UTC time zone. """
return
b
return datetime.now(pytz.utc)
# test case
t = datetime(1970, 1, 1).replace(tzinfo=timezone.utc)
assert (function() - t).total_seconds() - time.time() <= 1
c
import csv
def function(M):
"""¿Cómo guardar una matriz `M` en un archivo `file.csv`?
(How to save an `M` matrix to a `file.csv` file?)
"""
return
c
with open('file.csv', 'w', newline='', encoding='utf-8') as csvfile:
writer = csv.writer(csvfile)
writer.writerows(M)
return
# test case
function([[1, 2, 3], [4, 5, 6]])
with open('file.csv', 'r') as f:
lines = f.readlines()
assert lines[0].strip() == '1,2,3'
assert lines[1].strip() == '4,5,6'
d
import sympy
def function(f, n):
"""Посчитать несобственный интеграл заданный функцией `f`
от числа `n` до бесконечности
(Calculate the improper integral given by the function `f`
from the number `n` to infinity)
"""
return
d
return sympy.integrate(f, (sympy.symbols('x'), n, sympy.oo))
# test case
x = sympy.symbols('x')
f = (x * x)
n = 1
assert str(function(f, n)) == 'oo'