```python
from scwidgets import CodeExercise

import matplotlib.pyplot as plt
import numpy as np

def sin(x, frequency):
    import numpy as np
    return np.sin(x/frequency)

parameters = {"frequency": (0.5, 3.14, 0.1)}

figure = plt.figure()

def process(code_ex):
    x = np.linspace(-2*np.pi, 2*np.pi, 200)
    y = code_ex.code(
        x, code_ex.parameters["frequency"]
    )
    code_ex.figure.gca().plot(x, y)

code_ex = CodeExercise(
    code=sin,
    parameters=parameters,
    outputs=figure,
    update=process
)
```