import unittest

from main import Myfifo

class TestMyfifo (unittest.TestCase):

def setUp(self):

self.myfifo=Myfifo()

def test\_myfifo\_push(self):

self.assertEqual(self.myfifo.push(10), {0: 10})

def test\_myfifo\_push2(self):

self.assertEqual(self.myfifo.push(20), {0: 20})

def test\_myfifo\_pop(self):

self.myfifo.push(10)

self.myfifo.push(20)

self.assertEqual(self.myfifo.pop(), {1: 20})

def test\_myfifo\_pop2(self):

self.assertEqual(self.myfifo.pop(), {})

def test\_myfifo\_peek(self):

self.myfifo.push(10)

self.myfifo.push(20)

self.assertEqual(self.myfifo.peek(),20)

def test\_myfifo\_peek(self):

self.assertEqual(self.myfifo.pop(), {})

def test\_myfifo\_size(self):

self.myfifo.push(10)

self.myfifo.push(20)

self.assertEqual(self.myfifo.size(), 2)

if \_\_name\_\_=="\_\_main\_\_":

unittest.main()