Lecture 08 Exercises

CS 51P – Fall 2019

What gets printed when the following main function gets run?

def print\_example(s4,s5):

s1 = 3\*s4

s2 = s4+s5

print(s1)

print(s2)

return s1+s2

s1 = '!'

s2 = '?'

print(s1)

s3 = print\_example(s1,s2) print(s2)

print(s3)

print(s4)

Write a program to test the following function

def move(steps, direction):

"""

Attempts to move the player <steps> steps in

direction <direction>

:param steps: (int) number of steps to move (may be

negative)

:param direction: (int) direction to move (a multiple

of 90)

:return: (int) number of steps successfully taken by

player (equal to steps if didn't hit a wall)

"""

if steps < 0:

steps = -1\*steps

direction = direction + 180

direction = direction % 360

return forward\_move(steps, direction)