1)

a) it will generate a random whole number between (and including) 1 and 100

b) it will print a randomly generated number between 0 and 1

c) True

d) False

e) False

f) (x >= 1) and (x <= 10)

2)

a)

(a) print(“M”)

(b) print(“n”)

(c) print("Monty Python"[len("Monty Python")-1])

(d) print(“Monty”)

b) s = “homebody”

(a) print(“homebody”[0:4])

(b) print(“homebody”[4:8])

(a) print(s[:len(s)//2])

(b) print(s[len(s)//2:len(s)])

c)

(a) print(stringS[len(stringS)//2])

(b) print(stringS[:len(stringS)//2])

(c) print(stringS[len(stringS)//2 + 1 : len(stringS)])

d)

(a) 'Wa syu ae'

(b) 'y si t'

e) z = ""

for i in range(len(x)):

z = z + x[i:i+1:1] + y[i+1:i+2:1]

f) This is a test.This is a test.This is a test.