計概 HW1\_p1

統計116 H24126094 李繕安

Problem 1-1

(a)

7.4

<class 'float'>

(b)

5.0

<class 'float'>

(c)

22.22474487139159

<class 'float'>

(d)

11.0

<class 'float'>

(e)

Error

因為//符號求商數，而1//2=0，又分母不得為0，故呈現error

Problem1-2

(a)2.0

(b)2

(c)2.0

(d)2.0

Problem1-3

a = 2

b = 5

c = 2

q = b\*b - 4\*a\*c

q\_sr = q \*\* (1/2)

x1 = (-b + q\_sr)/2\*a

x2 = (-b - q\_sr)/2\*a

print("x1=", x1 , "x2=", x2 )