H24111057 姚博瀚

1-1

(a)The Knights who say,ni!

(b)spamspamspamni!ni!

(c)p

(d)pa

(e)ani

(f)spam!

(g)i

1-2

(a) s2[0:2].upper()

(b) s2[0:3] + s1[0:4] + s2[0:3]

(c) 3 \* (s1[0].upper() + s1[1:4] + s2[0].upper() + s2[1:3])

(d) s1[0:3] + s2[0]

(e) s1[0:2] + s1[3]

1-3

(a)Looks like spam and eggs for breakfast

(b)There is 1 spam 4 you

(c)TypeError: not all arguments converted during string formatting(it needs one more %s)

(d)2.30 2.35

(e)2.30000 2.34680

(f)Time left 01:37.37

(g)TypeError: %d format: a real number is required, not str(get rid of the ””)

1-4

A. 3

B. 212

C. 5

D. 6

E.

even 0

odd 1

even 2

odd 3

even 4

odd 5

F.

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G. 0.625

H. 8

I. 21

J. 21, 64, 32, 16, 8, 4, 2, 1.

1.5

A. Yuck

B 4

C. alpha < zebra

1-6

thief = 1

while thief <= 4:

# 定義四個描述為Boolean expression

s1 = thief != 1 # 1 said he is not the thief

s2 = thief == 3 # 2 said 3 is the thief

s3 = thief == 4 # 3 said 4 is the thief

s4 = s3 == False # 4 said 3 is a liar

# 計算幾個描述True

count = s1 + s2 + s3 + s4

# 由題目可知其中三個描述正確、一個描述錯誤。

# 當跑出三個描述正確時，印出當時正在測的thief

if count == 3:

print("The thief is :", thief)

break

# 如果正確的描述沒有三個，+1繼續測下一位

else:

thief += 1