**Problem1-1**

1. The knights who say, ni!
2. Spamspamspamni!ni!
3. p
4. pa
5. ani
6. spam!
7. i

**Problem1-2**

(a) s1='spam'

s2='ni!'

new\_s2=s2.upper()

print(new\_s2[0:2])

(b) s1='spam'

s2='ni!'

print(s2+s1+s2)

(c) s1='spam'

s2='ni!'

new\_s1=s1.title()

new\_s2=s2.title()

print(3\*(new\_s1+new\_s2+'\t' ))

(d) s1='spam'

s2='ni!'

print(s1[0:3]+'n')

(e) s1='spam'

s2='ni!'

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

**Problem1-3**

1. Looks like spam and eggs for breakfast
2. There is 1 spam 4 you
3. not all arguments converted during string formatting

￫"Hello %s" % ("Suzie") / "Hello %s" % ("Programmer")

1. 2.30 2.35
2. 2.30000 2.34680
3. Time left 01:37.37
4. %d format: a real number is required, not string

￫ ”%3d”% (14)

Problem1-4

1. 3
2. 212.0
3. 5
4. 1

2

6

1. even 0

odd 1

even 2

odd 3

even 4

odd 5

1. \*

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(g) 0.625

(h) 8

(i) 21

(j) 21,64,32,16,8,4,2,1.

**Problem1-5**

1. yuck
2. 4
3. alpha < zebra

**Problem1-6**

liar=0

thief=1

while thief<=4:

if thief==1:

liar+=1

if thief!=3:

liar+=1

if thief!=4:

liar+=1

if thief==4:

liar+=1

if liar==1:

print('The thief is',thief)

thief+=1

liar=0