EM&CL BLK   Friday, February 18, 2022

Entry objects?

Entry objects?

validity

$y = \#$

click anywhere to continue widget workers
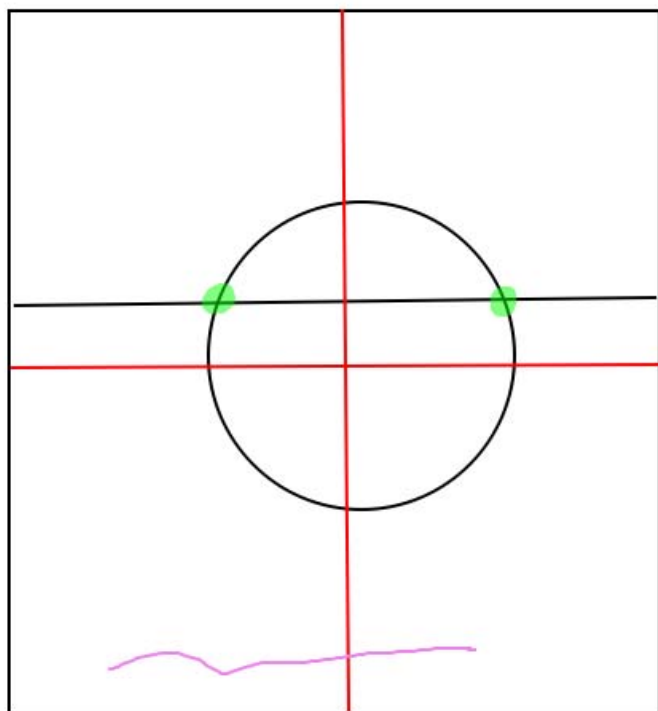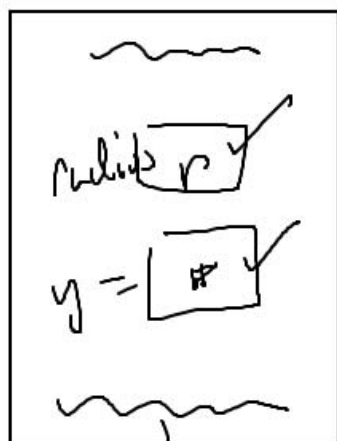
Shall: entry
for
$y = \#$
&
Circle radius

Chp 4 textbook problems — python

#10
#11
} 100% graphical, no shell
Interaction

Python

Start Reading Chapter 5 — Strings

Python

int	→	integer
float	→	floating point #
str	→	string

primitives

Processing

— int
— float
→ String

Walk-Thro **PA4c**   due date ~2/25/22

#10   pg 128

What's going on

Click anywhere

Capture points for first vertex ~Second~

round some

Perimeter = _____

>Click anywhere

triangle area = _____
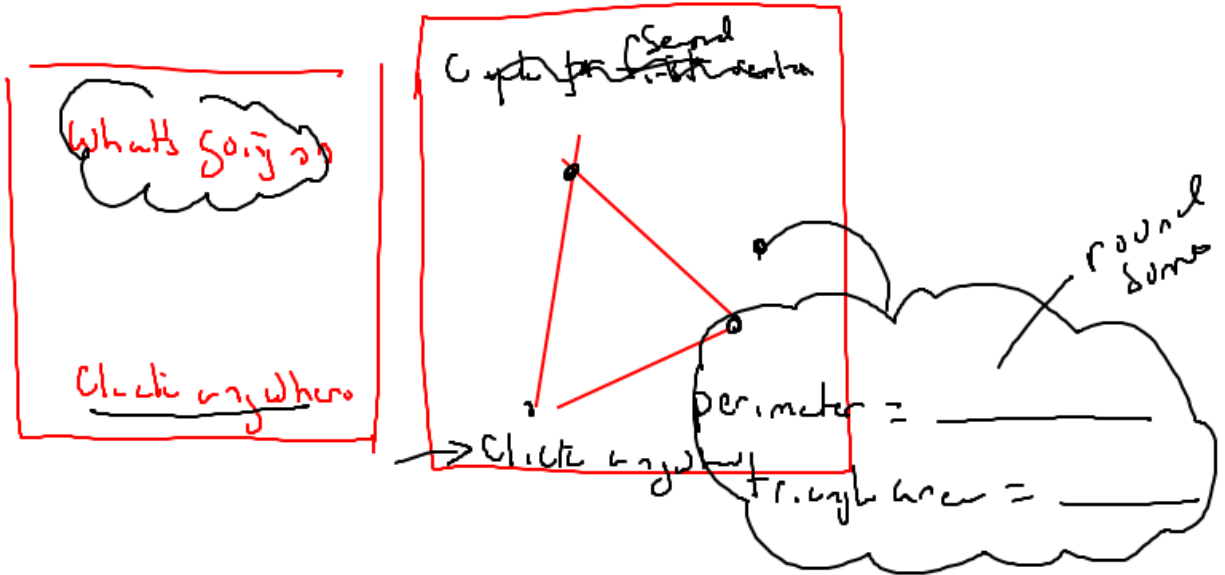
per. ____ area ____

all graphical — no interaction to run

def main()

main()

main()

(#11)

running/change instruction
as house reconstruction
proceeds

Click anywhere

Undraw

Click ...
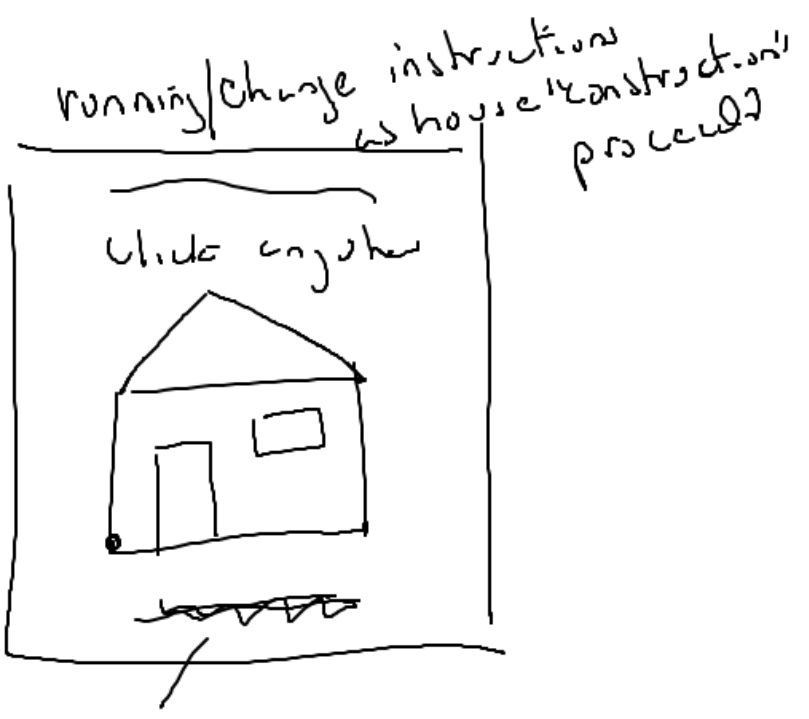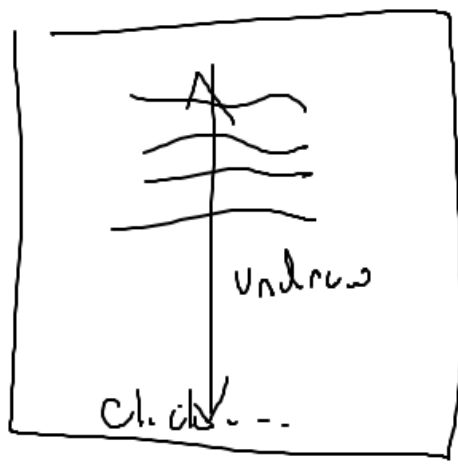
Click for hidden
left corner of house front

$\frac{1}{5}w$

$\frac{1}{10}$

w
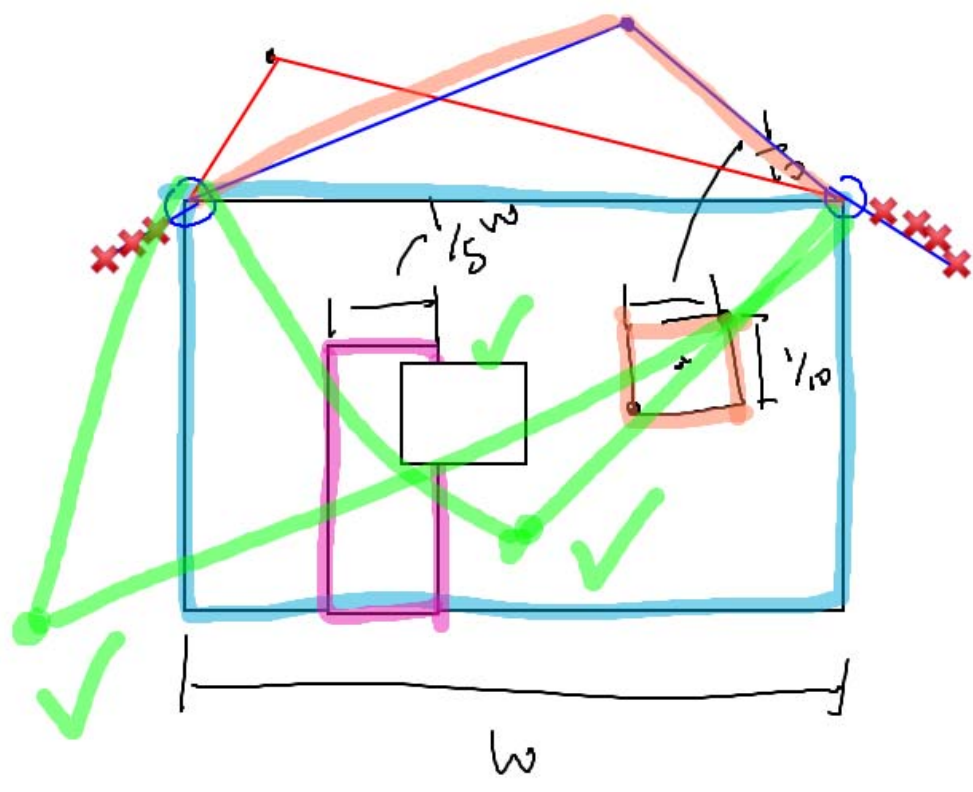
Chapter 5   Strings

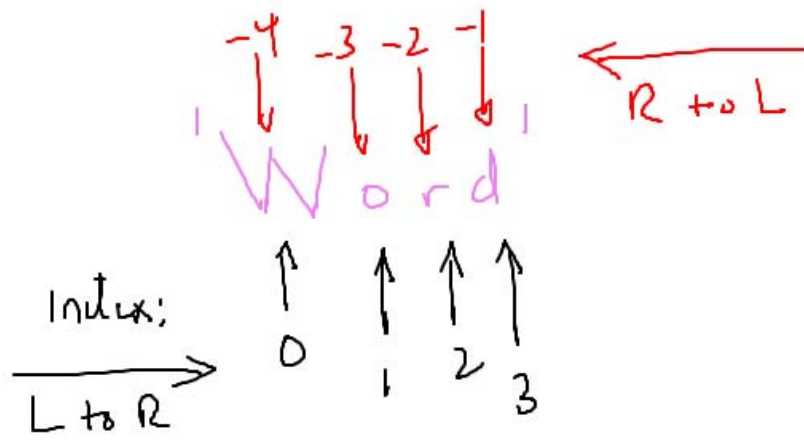concatenation (+) → overloaded

Strings are not mutable
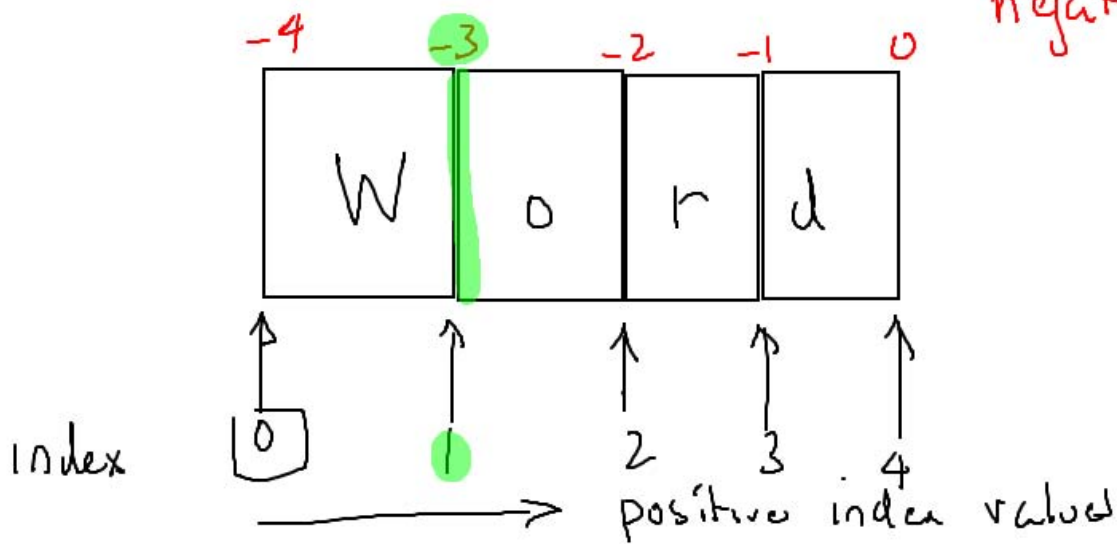(they cannot be changed)

multiplication *

len(string) $\rightarrow$ for string returns number of Characters in the string

Y, yes, Yes, Yu,

yes/no
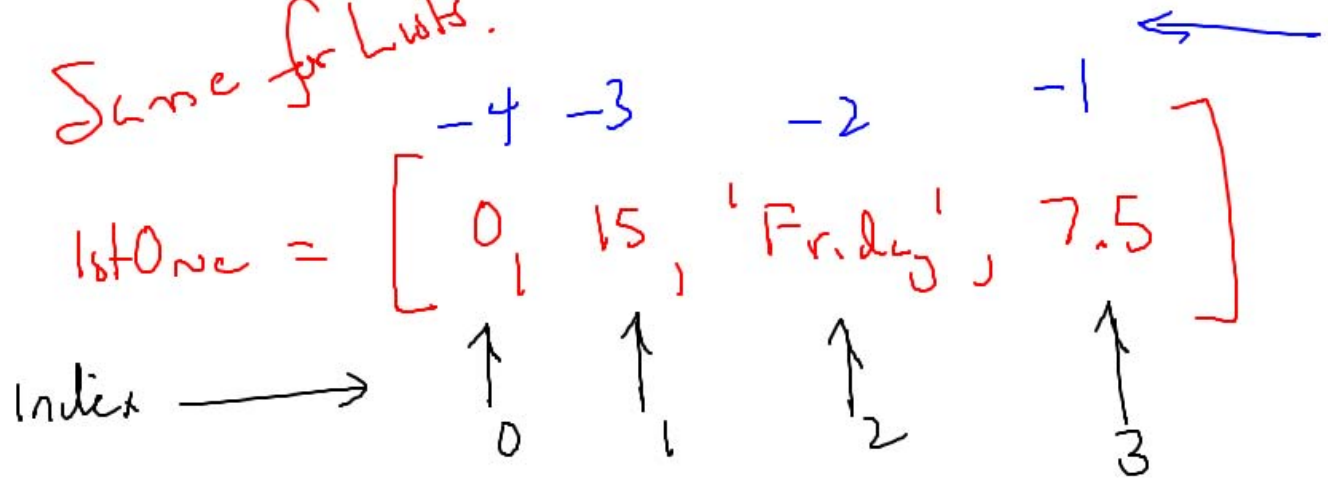
y n

ho No NO nay _ _ _ .

INDEXING — starts at position 0 (ZERO)

-4 -3 -2 -1
R to L

Word

Index:
L to R

0   1   2   3

negative index value

-4   -3   -2   -1   0

| W | o | r | d |

Index

0   1   2   3   4

positive index value

Same for Lists!

$$\text{lstOne} = \left[\underset{0}{\overset{-4}{0}}, \quad \underset{1}{\overset{-3}{15}}, \quad \underset{2}{\overset{-2}{\text{'Friday'}}}, \quad \underset{3}{\overset{-1}{7.5}} \right]$$

Index $\longrightarrow$

Read Chapter 5