

# CS 301 - Lecture 9

EXAM 1 - Today <sup>①</sup> @ 7:15 pm  
in Social Sciences 6210.

## Project 4 - Released!

- if/else/elif
- loops
- strings

Note cheat  
8.5" x 11"  
both sides

- 
1. Nested loops. Plan
  2. Local vs Global variables
  3. strings
  4. Review

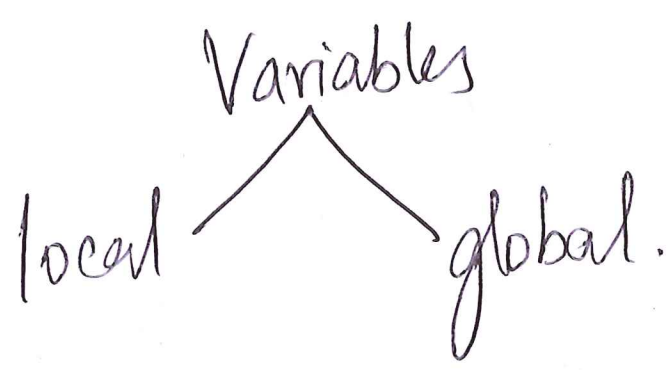
O/P

1  
END  
2  
2  
END  
3  
3  
3  
END

i  $\begin{array}{|c|} \hline \times \\ \hline 2 \\ \hline 3 \end{array}$

j  $\begin{array}{|c|} \hline \times \\ \hline 2 \\ \hline 3 \end{array}$

(2)

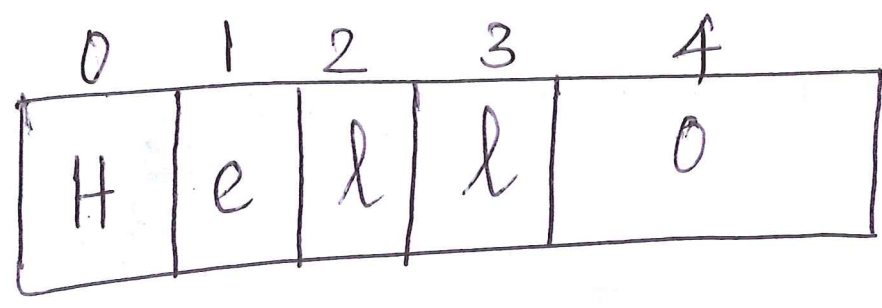


Strings

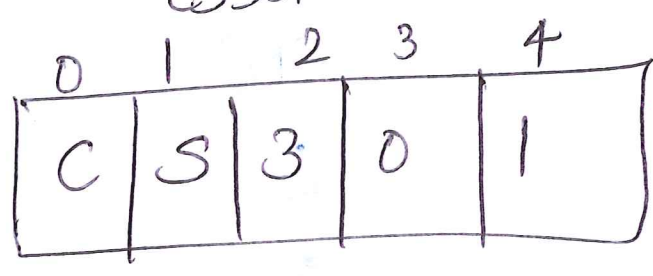
Text

"Hello"      'Hello'

H e l l o

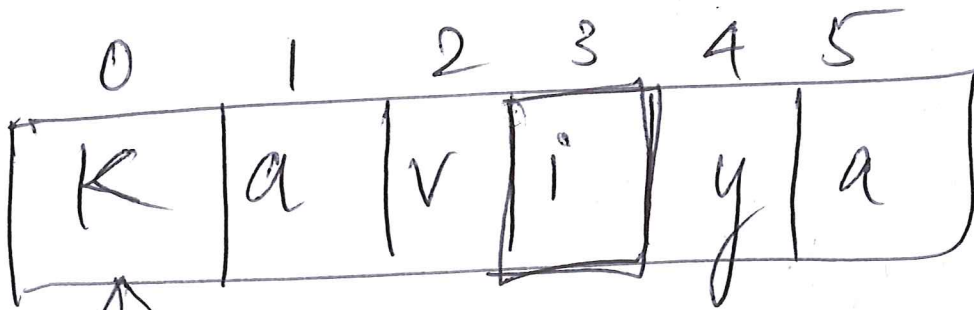
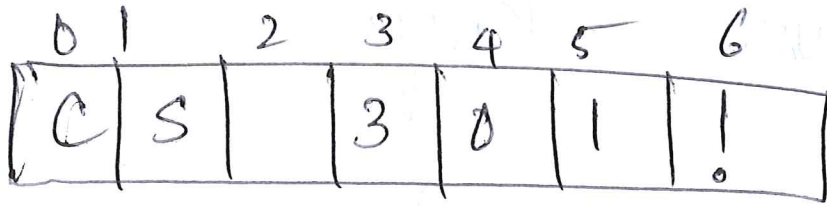


"CS301"



③

CS 301!



length = 6

K  
a  
v  
i  
y  
a

$i < 6$

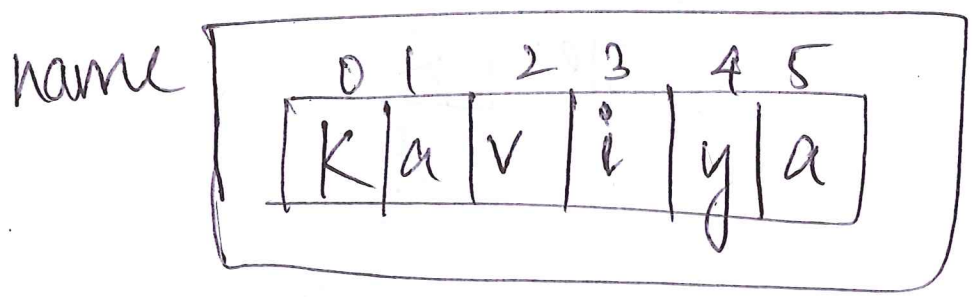
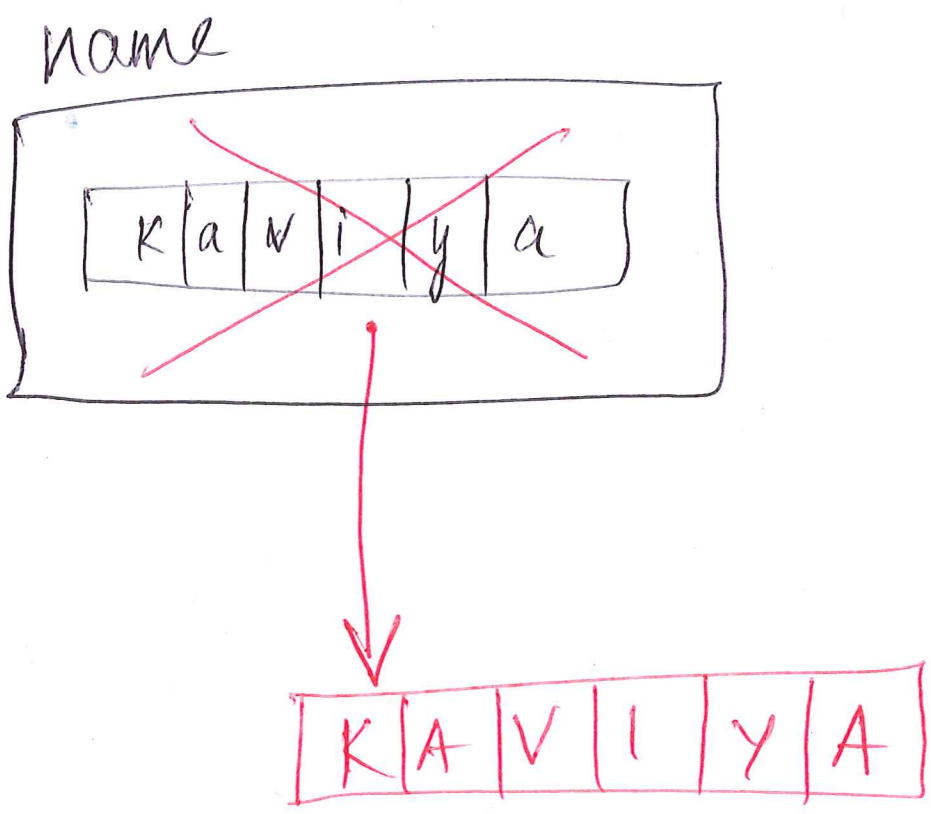
letter K  
a  
v  
i  
y  
a

④

# Methods

name = 'Kariya'

name.upper()

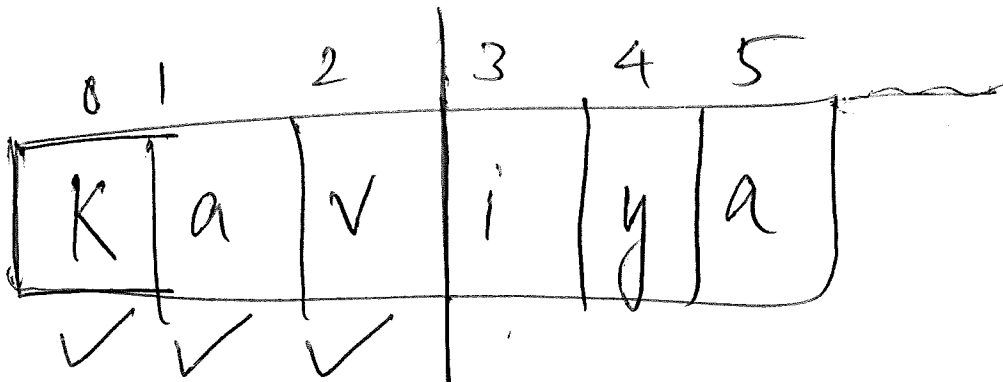


5

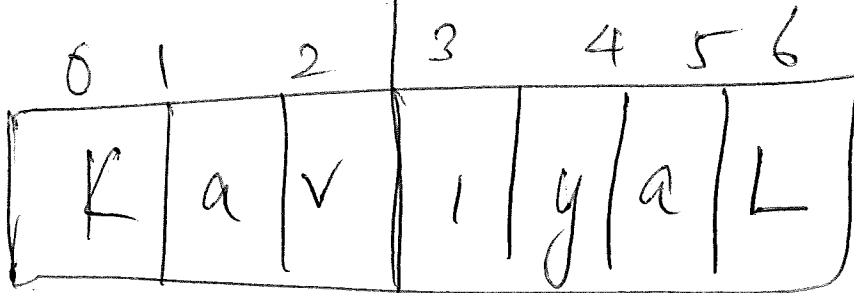
Slicing

[l, u)

name [0:3]



name:



name [0:3]