Python for SUPER Beginners
‘Hangman Game’

Can and Jun

About Can

- Pronunciation of my name: Tzan/Tsu
- Bachelor degree - Automation.
- Master degree

  - Embedded and Intelligent System.
- Worked at Smart eye(eye-tracking techniques)

  - software developer
- Working at Volvo cars as a software developer.

SMART EYE®

VOLVO

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About Jun

- Bachelor degree - Chemical Engineering
- Used to work as a Brewer & Alcohol Bev Dev Manager
- Self taught python and data analysis tools
- Working at AKQA as a data analyst

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We will talk about...

- How to play Hangman
- Play Hangman with your partner
- Build Hangman together in Python


How To
Play:

Let’s Play the Python Version!

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Questions?

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Method Ideation

- Work in a group (2-3 people)
- List steps to build the game (10 min)
- Share with us

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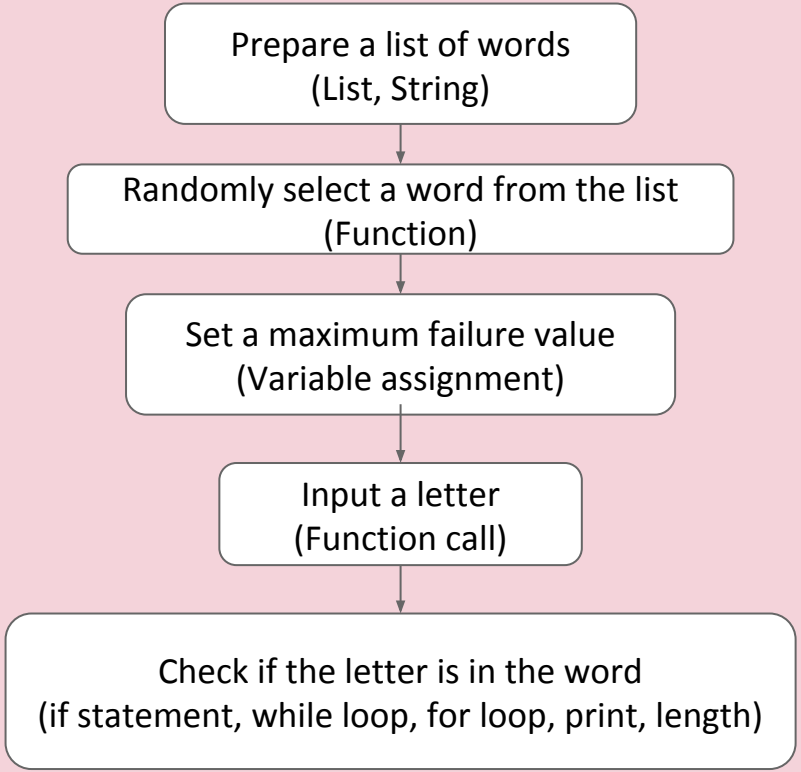
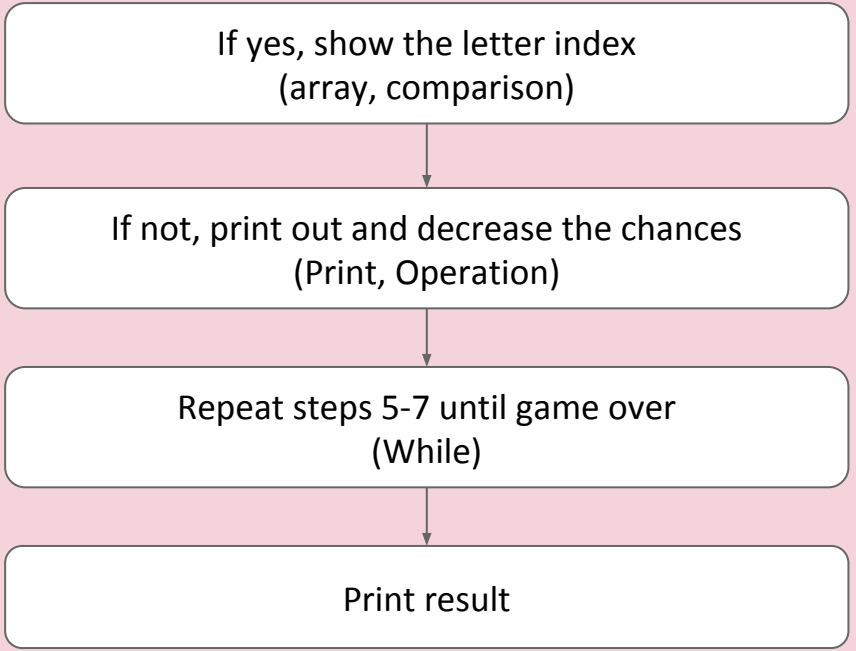
Algorithm!





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Coding Time!

- Make sure you have downloaded Pycharm
- Work in a group : pair programming

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Team Coding Time!

```
while guess_count < len(answer) and chances_left > 0:
    guess = input('Please guess a letter : ')
    # convert the letter to a lower case
    # print guess_count

    for i in range(len(answer)):
        # if guess is in the answer and guess is in used:
            # update the display with the guess
            # increase the guess_count by 1

            # remove the guess from used

    if guess not in display:
        # reduce chances_left by 1
        # print 'Sorry, wrong guess'

    # print how many correct guess have been made
    # print how many chances are left
    # print the display variably by joining each list element with a space

# if a user succeed in guessing the word, print out a congrats message
# if a user fails in guessing the word, print out a failure message
```

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Recommended Materials!

Code link: https://github.com/linecan/Hangman-in-Python,
https://github.com/junyoung-pink/pink_gbg_python_hang_man

Online, self paced courses:

https://online-learning.harvard.edu/course/cs50-introduction-computer-science
https://www.w3schools.com/
https://www.coursera.org/
https://www.edx.org/
https://www.freecodecamp.org/
https://www.codecademy.com/
https://www.tjejerkodar.se/
https://www.udemy.com/

Important sites:

https://stackoverflow.com/
https://medium.com/
https://simpleprogrammer.com/

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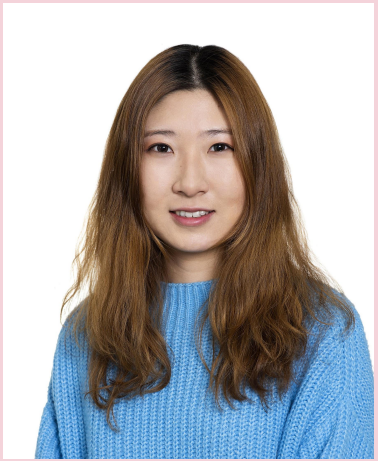
Connect with Us!



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