STUDENT VERSION (TW-5)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Logical Reasoning Questions
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

Teamwork Schedule

Ice-breaking 10m

- Personal Questions (Stay at home & Corona, Study Environment, Kids etc.)
- Any challenges (Classes, Coding, studying, etc.)
- Ask how they're studying, give personal advice.
- Remind that practice makes perfect.

Ask Questions 15m

1. What is the term to describe this code in Python?

```
count, fruit, price = (2, 'apple', 3.5)
```

A. tuple assignment
✓ **B.** tuple unpacking
C. tuple matching
D. tuple duplication

2. What built-in list method would you use to remove items from a list in Python?

A. ".delete()" method
B. pop(my_list)
✓ **C.** del(my_list)
D. ".pop()" method

3. What buit-in Python data type is commonly used to represent a stack?

A. set
✓ **B.** list
C. dictionary
D. None. You can only build a stack from scratch.

4. What would this expression return in Python?

```
college_years = ['Freshman', 'Sophomore', 'Junior', 'Senior']
print(list(enumerate(college_years, 2019)))
```

A. [('Freshman', 2019), ('Sophomore', 2020), ('Junior', 2021), ('Senior', 2022)]
B. [(2019, 2020, 2021, 2022), ('Freshman', 'Sophomore', 'Junior', 'Senior')]
C. [('Freshman', 'Sophomore', 'Junior', 'Senior'), (2019, 2020, 2021, 2022)]
✓ **D.** [(2019, 'Freshman'), (2020, 'Sophomore'), (2021, 'Junior'), (2022, 'Senior')]

5. Given the following three list, how would you create a new list that matches the desired output printed below in Python?

```
fruits = ['Apples', 'Oranges', 'Bananas']
quantities = [5, 3, 4]
prices = [1.50, 2.25, 0.89]
# Desired output
[('Apples', 5, 1.50),
('Oranges', 3, 2.25),
('Bananas', 4, 0.89)]
```

A.

```
fruits = ['Apples', 'Oranges', 'Bananas']
quantities = [5, 3, 4]
prices = [1.50, 2.25, 0.89]
output=[]

fruit_tuple_0 = (fruits[0], quantities[0], prices[0])
output.append(output)
fruit_tuple_1 = (fruits[1], quantities[1], prices[1])
output.append(output)
fruit_tuple_2 = (fruits[2], quantities[2], prices[2])
output.append(output)
print(fruit_tuple_0, fruit_tuple_1, fruit_tuple_2)
```

✓ **B.**

```
fruits = ['Apples', 'Oranges', 'Bananas']
quantities = [5, 3, 4]
prices = [1.50, 2.25, 0.89]
i = 0
output = []
for fruit in fruits:
    temp_qty = quantities[i]
    temp_price = prices[i]
    output.append((fruit, temp_qty, temp_price))
```

```
    i += 1
print(output)
```

✓ **C.**

```
fruits = ['Apples', 'Oranges', 'Bananas']
quantities = [5, 3, 4]
prices = [1.50, 2.25, 0.89]

groceries = zip(fruits, quantities, prices)
print(list(groceries))
```

D.

```
fruits = ['Apples', 'Oranges', 'Bananas']
quantities = [5, 3, 4]
prices = [1.50, 2.25, 0.89]
i = 0
output = []
for fruit in fruits:
  for qty in quantities:
    for price in prices:
        output.append((fruit, qty, price))
  i += 1
print(output)
```

(choose two options)

6. Command to download all the objects and references from a specified repository?

A. git config --list
B. git help
✓ **C.** git fetch
D. git log -n

7. Git Pull is a combination of:

✓ **A.** fetch and merge
B. branch and checkout
C. add and commit
D. commit and pull

8. The main objectives of Git are?

A. speed
B. data integrity
C. support for distributed non-linear workflows
✓ **D.** All of the above

9. What comes first, staging with git add. or committing with git commit?

A. Committing with git commit
B. Staging your commit with git status
✓ **C.** Staging with git add
D. None of these

10.What is the command to add the remote repository "https://abc.xyz/d/e.git" as "origin"?

A. git add origin https://abc.xyz/d/e.git
B. git origin=https://abc.xyz/d/e.git
✓ **C.** git remote add origin https://abc.xyz/d/e.git
D. git remote https://abc.xyz/d/e.git

11. The prompt of the root user is?

A. @
✓ **B.** #
C. %
D. $

12. The complete path name of a file or directory is

A. Root name
B. Tree name
C. Relative path name
✓ **D.** Absolute path name

13. In Linux, if all the members of the group share their files, they are called as?

A. File owner
B. Other users
C. File users
✓ **D.** Group users

14. When you are in the command mode in Vim editor, what takes you to the line editing (insert) mode?

A. a
✓ **B.** i
C. o
D. All of the above

15. The location where the user enter user name is called as?

A. Login location
B. Login user
✓ **C.** Login prompt
D. Login name

Interview Questions 15m

1. What is the major difference between tuples and lists in Python?

List items are ordered, changeable, and allow duplicate values.
Tuple items are ordered, unchangeable, and allow duplicate values.

2. What is a commit message, and how is the commit command executed?

commit message used for what did we do to understan anyone about our code or file.What change who change.. git commit -m "I have changed secon letter"

3. What is the difference between git fetch and git pull?

with command git fetch means what have in remote repository we bring them our local repo.Git pul means what have we bring whith git fetc command to entegrate thme our local repo.

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Coffee Break 10m

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Logical Reasoning Questions 15m

1. A man is facing west. He turns 45 degrees in the clockwise direction and then another 180 degrees in the same direction and then 270 degrees in the anticlockwise direction. Find which direction he is facing now?

✓ **A.** South-West
B. West

C. South
D. East-South

2. Choose the odd one?

✓**A.** Potassium
B. Silicon
C. Zirconium
D. Gallium

3. Arrange the words given below in a meaningful sequence?

1.Elephant 2.Cat 3.Mosquito 4.Tiger 5. Whale

A. 5, 3, 1, 2, 4
✓**B.** 3, 2, 4, 1, 5
C. 1, 3, 5, 4, 2
D. 2, 5, 1, 4, 3

Video of the Week 10m

- How to Prepare for a Virtual Interview

Retro Meeting on a personal and team level 10m

Ask the questions below:

- What went well?
- What could be improved?
- What will we commit to do better in the next week?

Closing 5m

- Next week's plan
- QA Session
