

STUDENT VERSION (AWS & DevOps-TW-5)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Video of the week
- ▶ Retro meeting

Teamwork Schedule

Ice-breaking

10m

- Personal Questions (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 will be the output of the following Python code?

```
for x in set('pqr'):  
    print(x*2)
```

A.

```
pqr  
pqr
```

B.

```
qqpprr
```

C.

```
ppqqrr
```

D.

```
rr  
qq  
pp
```

2. Which of the following statements create a dictionary?

- A. `d = {}`
- B. `d = {"john":40, "peter":45}`
- C. `d = {40:"john", 45:"peter"}`
- D. All of the mentioned

3. What is the output of the following program?

```
d = {"john":40, "peter":45}
d["john"]
```

- A. 40
- B. 45
- C. "john"
- D. "peter"

4. What would this expression return in Python?

```
d = {"john":40, "peter":45}
print(list(d.keys()))
```

- A. ("john":40, "peter":45)
- B. ("john", "peter")
- C. ["john", "peter"]
- D. ["john":40, "peter":45]

5. What is the output of the code shown below?

```
a={}
a['a']=1
a['b']=[2,3,4]
print(a)
```

- A. Exception is thrown
- B. {'b': [2], 'a': 1}
- C. {'b': [2, 3, 4], 'a': 1}
- D. {'b': [2], 'a': [3]}

6. What is the output of the code shown below?

```
z=set('abc')
z.add('san')
z.update(set(['p', 'q']))
print(z)
```

- A. {'abc', 'p', 'q', 'san'}
- B. {'a', 'b', 'c', 'p', 'q', 'san'}
- C. {'a', 'b', 'c', ['p', 'q'], 'san'}
- D. {'a', 'c', 'c', 'p', 'q', 's', 'a', 'n'}

7. What is the term to describe this code?

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

- A. tuple assignment
- B. tuple unpacking
- C. tuple matching
- D. tuple duplication

8. What is the output of the code shown below??

```
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')]

9. In Linux, The file permission 764 means:?

- A. Every one can read, group can execute only and the owner can read and write
- B. Every one can read and write, but owner alone can execute
- C. Every one can read, group including owner can write, owner alone can execute
- D. Every one can read and write and execute

10. The permission -rwxr-r- represented in octal expression will be?

- A. 777
- B. 666
- C. 744
- D. 711

11. Which is the core of the operating system?

- A. Shell
- B. Kernel
- C. Commands
- D. CLI and GUI

12. Command used to count number of character in a file is

- A. grep
- B. wc
- C. count
- D. cat

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 mode?

- A. Cursor
- B. : colon
- C. Esc
- D. Enter

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

- A. Login location
- B. Login user
- C. Login prompt
- D. Login name

16. How can you check your current git version?

- A. git --v
- B. git --version
- C. git --option
- D. git --current

17. What command lets you create a connection between a local and remote repository?

- A. git remote add new
- B. git remote add origin
- C. git remote new origin
- D. git remote origin

18. Which of the following is true you when you use the following command?

```
git add -A
```

- A. All new and updated files are staged
- B. Files are staged in alphabetical order
- C. All new files are staged
- D. Only updated files are staged

19. What option can you use to apply git configurations across your entire git environment?

- A. --all
- B. --master
- C. --global
- D. --update

20. Which command creates an empty Git repository in the specified directory?

- A. git reset
- B. git log ..
- C. git init
- D. git init --bare

Interview Questions

15m

1. What is the difference between Git and Github?

2. Mention the various remote Git repository hosting platforms?

Video of the Week

10m

- [Git & GitHub: Branching and the GitHub Workflow](#)

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
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