STUDENT VERSION (AWS & DevOps-TW-4)

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?

```python
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?

```python
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?

```python
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??

```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')]

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