STUDENT VERSION (TW-7)

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 (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. If we want define style for an unique element, then which css selector will we use?

A. Id
B. class
C. text
D. name

10. Where do < header > and < footer > tags typically occur?

A. as children of < body >, < article >, < aside >, and < section > tags
B. as children of < body >, < article >, and < section > tags
C. as children of < body >, < article >, < aside >, < nav >, and < section > tags
D. as children of < body >, < article >, < table >, and < section > tags

11. The "value" attribute is associated with which set of tags?

A. < button >< input >< form >
B. < input >< label >< meter >
C. < input >< option >< textarea >
D. < li >< input >< option >

12. What is NOT a valid attribute for the < textarea > element?

A. readonly
B. max
C. form
D. spellcheck

13. What is the linux mascot?

A. Hat
B. Gecko
C. Elephant
D. Penguin

14. The Linux Kernel was written by?

A. Brian Kernighan
B. Linus Torvalds
C. Dennis Ritchie
D. Richard Stallman

Interview Questions   15m

1. What is Linux?

2. What is difference between LINUX and UNIX?

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Coffee Break   10m

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Logical Reasoning Questions   15m

1. In this logic question, you are standing in a room with three light switches. The switches all correspond to three different light bulbs in an adjacent room that you cannot see into. With all the light switches starting in the off position, how can you find out which switch connects to which light bulb?

2. Which number would replace the underline mark in the series 20, 40, 100, _, 820?

A. 240
B. 260
C. 280
D. 300

3. Kevin, Joseph, and Nicholas are 3 brothers. If the following statements are all true, which of them is the youngest?

```
✓ Kevin is the oldest.
✓ Nicholas is not the oldest.
✓ Joseph is not the youngest.
```

A. Joseph
B. Kevin
C. Nicholas
D. Both Joseph and Nicholas

Video of the Week   10m

- What is Linux?

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