

STUDENT VERSION (TW-7)



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 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. After you install Git and prior to issuing the first commit, which two configuration properties does the tool expect to be configured?

- A. username and email address
- B. username and password
- C. email address and password
- D. username and IP address

10. Who is attributed with inventing Git?

- A. Junio Hamano
- B. James Gosling
- C. Kohsuke Kawaguchi
- D. Linus Torvalds

11. After you initialize a new Git repository and create a file named git-quiz.html, which of the following commands will not work if issued?

- A. `git add git-quiz.html`
- B. `git status`
- C. `git add .`
- D. `git commit -m "git quiz web file added"`

12. Which vendor acquired GitHub for \$7.5 billion in June 2018?

- A. Oracle
- B. Microsoft
- C. IBM
- D. Google

13. Select the appropriate HTML tag used for the largest heading?

- A. Head
- B. H1
- C. H6
- D. Heading

14. Select the property that is used to create spacing between HTML elements?

- A. margin
- B. spacing
- C. padding
- D. border

15. Select the correct HTML for creating a hyperlink?

- A. `a url="http://www.clarusway.com">clarusway.com`
- B. `clarusway`

C. `a>http://www.clarusway.com`

D. `name="http://www.clarusway.com">clarusway.com`

Interview Questions

15m

1. Explain Python functions?

2. Discuss the differences between an HTML specification and a browser's implementation thereof?



Coffee Break

10m



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

- [The Gitflow Workflow](#)
 - [HTML, CSS, JavaScript](#)
-

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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