

STUDENT VERSION (TW-6)



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?

```
a=[1,2,3,4]
b=[sum(a[0:x+1]) for x in range(0,len(a))]
print(b)
```

- A. [1,3,5,7]
- B. [1,3,6,10]**
- C. 10
- D. [1,3,5]

2. What is the output of the following program?

```
L1 = []
L1.append([1, [2, 3], 4])
L1.extend([7, 8, 9])
print(L1[0][1][1] + L1[2])
```

- A. 12
- B. 11**
- C. 13
- D. 10

3. What is the output of the following program?

```
T = (1, 2, 3, 4, 5, 6, 7, 8)
print(T[T.index(5)], end = " ")
print(T[T[T[6]-3]-6])
```

- A. 4 0
- B. 4 1
- C. 5 8**
- D. 5 IndexError

4. What would this expression return in Python?

```
D = {1 : 1, 2 : '2', '1' : 1, '2' : 3}
D['1'] = 2
print(D[D[D[str(D[1])]]])
```

- A. KeyError
- B. '2'
- C. 3**
- D. 2

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

```
set1 = {1, 2, 3}
set2 = set1.copy()
set2.add(4)
print(set1)
```

- A. {1, 2, 3, 4}
- B. Invalid Syntax
- C. Error
- D. {1, 2, 3}**

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

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

7. 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

8. 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 >

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

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

10. When should you use < ol > and < ul > elements?

- A. Use < ul > when you want a bulleted list and < ol > when you want a numbered list.
- B. Use < ul > when you have a list of items in which the order of the items matters. Use < ol > when you have a list of items that could go in any order.
- C. Use < ol > when you want a bulleted list and < ul > when you want a numbered list.
- D. Use < ol > when you have a list of items in which the order of the items matters. Use < ul > when you have a list of items that could go in any order.

11. Select the correct one 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. What is Git?

Git is a free and open source distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

2. Explain the difference between div and span?

Span and div are both generic HTML elements that group together related parts of a web page. However, they serve different functions. A div element is used for block-level organization and styling of page elements, whereas a span element is used for inline organization and styling.

**Coffee Break****10m****Logical Reasoning Questions****15m****1. Which word does NOT belong with the others?**

- A. parsley
- B. basil
- C. dill
- D. mayonnaise

2. Find the missing term of the given series from the given alternatives?

BXD, EUG, ? , KOM

- A. HSI
 - B. HRJ
 - C. HSJ
 - D. HRR
-

Video of the Week**10m**

- [The 5 Best Python IDE's and Editors](#)
-

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
-