

TEAM LEAD 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 (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]

+Answer: B

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

+Answer: B

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

+Answer: C

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

+Answer: C

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}

+Answer: D

6. which of the following tag <...> is used to mark a begining of paragraph?

- A. pr
- B. td
- C. br
- D. p

Answer: D

7. Character encoding is

- A. method used to represent numbers in a character
- B. method used to represent character in a length
- C. method used to represent character in a number
- D. a system that consists of a code which pairs each character with a pattern, sequence of natural numbers or electrical pulse in order to transmit the data

Answer: D

8. To create HTML page, you need ____?

- A. Web browser
- B. text editor
- C. Both [A] and [B]
- D. None of the above

Answer: C

9. What does the < br > tag add to your webpage?

- A. Long break
- B. Paragraph break
- C. Line break
- D. None of the above

Answer: C

10. What kind of list will < ol > tags create?

- A. Numbered list
- B. Bulleted list
- C. Unordered list
- D. None of the above

Answer: A

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

- A. Head
- B. H1

C.H6

D.Heading

+Answer: B

12.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

+Answer: B

13. 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.

Answer: A

Interview Questions

15m

1. What are some of the key new features in HTML5?

Answer: Key new features of HTML5 include:

- Improved support for embedding graphics,audio,and video content via the new < canvas >,< audio >,< video > tags.
- Extensions to the JavaScript API such as geolocation and drag-and-drop as well for storage and caching.
- Introduction of "web workers".
- Several new semantic tags were also added to complement the structural logic of modern web applications. These include the < main >, < nav >, < article >, < section >, < header >, < footer >, and < aside > tags.
- New form controls, such as < calendar >, < date >, < time >, < email >, < url >, < search >

2. Explain the difference between div and span?

Answer: Both div and span are used for giving out the output. While span gives the output with display: inline, div gives output with display: block. Typically, span is used when there is the need to display the elements one after the other, i.e., in a line.



Coffee Break

10m



Logical Reasoning Questions

15m

1. Which word does NOT belong with the others?

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

+Answer: D

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

BXD, EUG, ? , KOM

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

Correct Option: B

A B C D E F G H I J K L M
Z Y X W V U T S R Q P O N

Hence, option (B) is correct.

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
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