

TEAM LEAD VERSION (TW-3)



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. Which of the following is NOT a valid way to specify the string literal foo'bar in Python?

- A. 'foo\'bar'
- B. "foo'bar"
- C. 'foo'bar'
- D. """foo'bar"""

Answer: C

2. Which of the following is not a Python built-in function?

- A. map()
- B. round()
- C. repr()
- D. diff()

Answer: D

3. How do you insert COMMENTS in Python code?

- A. #This is a comment
- B. //This is a comment
- C. /This is a comment/
- D. --This is a comment--

Answer: A

4. Which one is NOT a legal variable name?

- A. _myvar
- B. Myvar
- C. my_var
- D. my-var

Answer: D (python thinks it is minus sign)

5. What is the correct syntax to output the type of a variable or object in Python?

- A. print(type(x))
- B. print(typeOf(x))
- C. print(typeeof(x))
- D. print(typeof x)

Answer: A

6. What will be the output of the following Python statement?

```
example = "snow world"
print("%s" % example[4:7])
```

- A. wo
- B. world
- C. sn
- D. rl

Answer: A

7. What will be the output of the following Python statement?

```
print("abcd"[2:])
```

- A. ac
- B. bc
- C. cd
- D. dc

Answer: C

8. What will be the output of the following Python statement?

```
print(format("Welcome", "10s"), end = '#')
print(format(111, "4d"), end = '#')
print(format(924.656, "3.2f"))
```

- A. Welcome# 111#924.66
- B. Welcome#111#924.66
- C. Welcome#111#.66
- D. Welcome # 111#924.66

more info about format <https://www.geeksforgeeks.org/python-format-function/> Answer: D

9. What will be the output of the following Python code?

```
print("xyyzxyzxyy".count('yy', 2))
```

- A. 3
- B. 2
- C. 1
- D. 4

Answer: C

10. What will be the output of the following Python code?

```
print("xyyzxyzxyy".endswith("xyy", 0, 2))
```

- A. 0
- B. 1
- C. True
- D. False

Answer: D

11. which of the following tag <...> is used to mark a beginning of paragraph?

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

Answer: D

12. 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

13. To create HTML page, you need _____?

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

Answer: C

14. 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

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

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

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 >



Coffee Break

10m



Logical Reasoning Questions

15m

1. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?

Answer: 20. This is an alternating addition and subtraction series. In the first pattern, 10 is subtracted from each number to arrive at the next. In the second, 5 is added to each number to arrive at the next.

2. CUP : LIP :: BIRD : ?

- A. GRASS
- B. FOREST
- C. BEAK
- D. BUSH

Answer: C

3. An Informal Gathering occurs when a group of people get together in a casual, relaxed manner. Which situation below is the best example of an Informal Gathering?

- A. A debating club meets on the first Sunday morning of every month.
- B. After finding out about his salary raise, Jay and a few colleagues go out for a quick dinner after work.
- C. Meena sends out 10 invitations for a bachelorette party she is giving for her elder sister.
- D. Whenever she eats at a Chinese restaurant, Roop seems to run into Dibya.

Answer: B

Video of the Week

10m

- [A day in the life of a Google Software Engineer](#)
-

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
-