

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 (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]

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. What is an alternative to merging in git?

- A. Rebasing
- B. Basing
- C. Both 1 and 2
- D. None of these

Answer: A

7. Which of the following isn't a Git configuration scope?

- A. User
- B. System
- C. Local
- D. Global

Answer: B

8. What's the opposite of git clone, instead of downloading your code from GitHub, uploads your changes and code back to GitHub?

- A. git push
- B. git upload
- C. git add
- D. git status

Answer: A

9. How do you save the current state of your code into the git version control?

- A. By adding all changes and staging them with git stage
- B. By adding all changes and staging them with git add
- C. By creating a new commit with git init
- D. By committing the staged changes with git commit

Answer: D

10. What is the correct commit syntax for all changes with a message?

- A. git message -am "I'm coding"
- B. git commit -am "I'm coding"
- C. git add -a "I'm coding"
- D. git commit -a "I'm coding"

Answer: B

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

1. What is a merge conflict in Git? and How do you resolve a merge conflict?

Answer: A merge conflict is an event that takes place when Git is unable to resolve differences in code between the two commits automatically.

Git is able to automatically merge the changes only if the commits are on different lines or branches.

To resolve a merge conflict in Git, follow these steps:

- The most simple way to resolve the conflicted file is to open it and make the required changes
- After editing the file, we can use the git add a command to stage the new merged content
- The final step is to create a new commit with the help of the git commit command
- Git will create a new merge commit to finalize the merge

2. What is Git stash?

Answer: Let's say you're a developer and you want to switch branches to work on something else. The issue is you don't want to make commits in uncompleted work, so you just want to get back to this point later. The solution here is the Git stash.

Git stash takes your modified tracked files and saves it on a stack of unfinished changes that you can reapply at any time. To go back to the work you can use the stash pop.

3. What are some of the advantages of HTML5 over its previous versions?

Answer: Some advantages of HTML5 are:-

- It has Multimedia Support.
- It has capabilities to store offline data using SQL databases and application cache.
- Javascript can be run in the background.
- HTML5 also allows users to draw various shapes like rectangles, circles, triangles, etc.
- Included new Semantic tags and form control tags.



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. Eileen is planning a special birthday dinner for her husband's 35th birthday. She wants the evening to be memorable, but her husband is a simple man who would rather be in jeans at a baseball game than in a suit at a fancy restaurant. Which restaurant below should Eileen choose?

- A. Alfredo's offers fine Italian cuisine and an elegant Tuscan decor. Patrons will feel as though they've spent the evening in a luxurious Italian villa.
- B. Pancho's Mexican Buffet is an all-you-can-eat family style smorgasbord with the best tacos in town.
- C. The Parisian Bistro is a four-star French restaurant where guests are treated like royalty. Chef Dilbert Olay is famous for his beef bourguignon.
- D. Marty's serves delicious, hearty meals in a charming setting reminiscent of a baseball clubhouse in honor of the owner, Marty Lester, a former major league baseball all-star.

Answer: D

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

BXD, EUG, ? , KOM

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

Answer: B

Video of the Week

10m

- [How to build HANGMAN with Python](#)

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**
-