

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 "pull" in git?

- A. fetch
- B. merge
- C. fetch and merge
- D. None of these

+Answer: C

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. 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

10. What happens in the design phase of SDLC?

- A. The code is produced
- B. Making changes when the software has been created
- C. Planning the solution, look and feel of the software interface
- D. Ensuring the requirements are understood

+Answer: C

11. SDLC stands for?

- A. Software Development Life Cycle
- B. System Development Life Cycle
- C. Software Design Life Cycle
- D. System Design Life Cycle

+Answer: A

12. This phase of the SDLC is known as the “ongoing phase” where the system is periodically evaluated and updated as needed

- A. Preliminary investigation
- B. System design
- C. System implementation
- D. System maintenance

+Answer: D

13. Which phase is also known coding phase?

- A. Deployment/Deliver Phase
- B. Design Phase
- C. Build/Development Phasse
- D. Testing Phase

+Answer: C

14. What is the high priority phase of SDLC

- A. Deployment
- B. Design
- C. Testing
- D. Requirement

+Answer: B

15. What is the most critical phase of SDLC

- A. Deployment
- B. Design
- C. Testing
- D. Requirement

+Answer: D

Interview Questions

15m

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 SDLC?

Answer: Software Development Lifecycle (SDLC) is a systematic process to be followed for a software project. In other words, it is a structured way to create and develop software.

The main purpose of why corporations implement SDLC is to produce software with the highest quality and lowest cost in the shortest time.

The SDLC process consists essentially of the following phases:

- Requirement Phase
- Design Phase
- Build/Development Phase
- Testing Phase
- Deployment/Deliver Phase
- Maintenance



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

Correct Option: B



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
-