

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. What is an alternative to "pull" in git?

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

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

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

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

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"

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

11. SDLC stands for?

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

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

13. Which phase is also known coding phase?

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

14. What is the high priority phase of SDLC

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

15. What is the most critical phase of SDLC

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

Interview Questions**15m**

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

2. What is SDLC?

**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. 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.

3. 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
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