

TEAM LEAD VERSION (TW-10)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Video of the week
- ▶ Retro meeting

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

30m

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

```
def san(x):  
    print(x+1)  
x=-2  
x=4  
san(12)
```

- A. 13
- B. 10
- C. 2
- D. 5

+Answer: A

2. What is the output of the following program?

```
def foo(fname, val):  
    print(fname(val))  
foo(max, [1, 2, 3])  
foo(min, [1, 2, 3])
```

A.

```
3  
1
```

B.

1
3

C.

1
1

D.

3
2

+Answer: A

3. What will be the output of the following Python code snippet?

```
count = 0
my_string = "Clarusway"
my_char = "a"
for i in my_string:
    if i == my_char:
        count += 1
print(count)
```

A. True

B. 1

C. 2

D. 3

Answer: C

4. What will be the output of the following Python code snippet?

```
num = 2013
reversed_num = 0

while num != 0:
    digit = num % 10
    reversed_num = reversed_num * 10 + digit
    num //= 10
```

```
print(reversed_num)
```

- A. Error
 - B. 2013
 - C. 3102
 - D. 2222
- Answer: C**

5. What will be the output of the following Python code snippet?

```
f=lambda x:bool(x%2)
print(f(20), f(21))
```

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

+Answer: A

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

```
random.randrange(0,91,5)
```

- A. 10
- B. 18
- C. 79
- D. 95

Answer: A

7. What is the output of the following program?

```
def foo():
    try:
        return 1
    finally:
        return 2
k = foo()
print(k)
```

- A. 8
- B. 6
- C. 4
- D. 2

Answer: D

8. What will be the output of the following Python code snippet?

```
x=10
y=8
assert x>y, 'X too small'
```

- A. Assertion Error
- B. 10 8
- C. No output
- D. 108

Answer: C

9. Which of the following is not an exception handling keyword in Python?

- A. try
- B. except
- C. accept
- D. finally

Answer: C

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

```
valid = False
while not valid:
    try:
        n=int(input("Enter a number"))
        while n%2==0:
            print("Bye")
        valid = True
    except ValueError:
        print("Invalid")
```

- A. Bye (printed once)
- B. No output

- C. Invalid (printed once)**
- D. Bye (printed infinite number of times)**

Answer: D

11. Who is Reported IN JIRA?

- A. Person who has to solve the issue**
- B. Person who can generate reports**
- C. Person who can view the issue**
- D. Person who raise the issue**

Answer: D

12. What action to be done on issue assigned to you after fixing?

- A. Close**
- B. Link**
- C. Resolve**
- D. Move**

Answer: C

13. Who can create issue in JIRA?

- A. User**
- B. Project Admin**
- C. Developer**
- D. All of Above**

Answer: D

14. Issue with this priority must be fixed first?

- A. Major**
- B. Critical**
- C. Blocker**
- D. Trivial**

Answer: C

15. Which of the following in not an issue type?

- A. Epic
- B. Minor
- C. Sub-task
- D. Story

Answer: B

16. How can you check your current git version?

- A. git --v
- B. git --version
- C. git --option
- D. git --current

Answer: B

17. What command lets you create a connection between a local and remote repository?

- A. git remote add new
- B. git remote add origin
- C. git remote new origin
- D. git remote origin

Answer: B

18. Which of the following is true you when you use the following command?

```
git add -A
```

- A. All new and updated files are staged
- B. Files are staged in alphabetical order
- C. All new files are staged
- D. Only updated files are staged

Answer: A

19. What option can you use to apply git configurations across your entire git environment?

- A. --all
- B. --master
- C. --global
- D. --update

Answer: C

20. If you cloned an existing git repository, what would happen?

- A. A new copy would overwrite the central repository**
- B. A copy of the repository would be created on your local machine**
- C. Nothing, cloning is not a supported git function**
- D. A copy of the repository would be created on the hosting platform**

Answer: B

Interview Questions

15m

1. What is the difference between Git and Github?

Answer:

- **Git is a version control system of distributed nature that is used to track changes in source code during software development. It aids in coordinating work among programmers, but it can be used to track changes in any set of files. The main objectives of Git are speed, data integrity, and support for distributed, non-linear workflows.**
- **GitHub is a Git repository hosting service, plus it adds many of its own features. GitHub provides a Webbased graphical interface. It also provides access control and several collaboration features, basic task management tools for every project.**

2. Mention the various Git repository hosting functions?

Answer:

- **Github**
- **Gitlab**
- **Bitbucket**
- **SourceForge**
- **GitEnterprise**

3. What is forking in Git and What is the use of a Git clone?

Answer:

- **A repository copy is called a fork. So, forking allows one to experiment with changes without worrying about the original project. This process is ideal for proposing changes to someone else's projects.**
- **The Git clone command lets us copy the existing Git repository. If we want to get a copy of the central repository then the best way to do it is using 'cloning'.**

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
-