

# STUDENT VERSION (TW-11)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

## 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

50m

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

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

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

2. 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

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

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

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

```
def f(x, y, z): return x + y + z
f(2, 30, 400)
```

- A. 431
- B. 432
- C. 24000
- D. 2212

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

```
{a**2 for a in range(4)}
```

- A. {1, 4, 9, 16}
- B. {0, 1, 4, 9, 16}
- C. {0, 1, 4, 9}
- D. Error

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

```
import copy
a=[10,23,56,[78]]
b=copy.deepcopy(a)
a[3][0]=95
a[1]=34
print(b)
```

- A. [10,34,56,[95]]
- B. [10,23,56,[78]]
- C. [10,23,56,[95]]
- D. [10,34,56,[78]]

**7. 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. 10
- B. [1,3,5,7]
- C. [1,3,6,10]
- D. 8

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

```
print('abcefd'.replace('cd', '12'))
```

- A. ab1ef2
- B. abcefd
- C. ab1efd
- D. ab12ed2

**9. 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

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

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

**11. 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

**12. Your current project has several branches; master, beta, and push-notifications. You've just finished the notification feature in the push-notification branch, and you want to commit it to beta branch. How can you accomplish this?**

- A. Checkout the push-notifications branch and run git merge beta
- B. Checkout the master branch and run git merge beta -> push-notification
- C. Delete the push-notification branch and it will be committed to the master branch automatically
- D. Checkout the beta branch and run git merge push-notification

**13. Command to download all the objects and references from a specified repository?**

- A. git config --list
- B. git help
- C. git fetch
- D. git log -n

**14. What comes first, staging with git add. or committing with git commit?**

- A. Committing with git commit
- B. Staging your commit with git status
- C. Staging your commits with git add
- D. None of these

**15. Which of the following file you can configure to ensure that certain file types are never committed to the local Git repository?**

- A. .gitignore
- B. gitignore.txt
- C. git.ignore
- D. ignore.git

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## Interview Questions

15m

**1. What is a commit message, and how is the commit command executed?**

2. What is the difference between git fetch and git pull?

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

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

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:coffee:

**Coffee Break**

**10m**



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**Retro Meeting on a personal and team level**

**10m**

Ask the questions below:

- What went well?
  - What could be improved?
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