

# STUDENT VERSION (TW-5)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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

# Teamwork Schedule

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## 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

15m

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

```
def printMax(a, b):  
    if a > b:  
        print(a, 'is maximum')  
    elif a == b:  
        print(a, 'is equal to', b)  
    else:  
        print(b, 'is maximum')  
printMax(3, 4)
```

- A. 3
- B. 4
- C. 4 is maximum
- D. 3 is maximum

### 2. What is the output of the following program?

```
x = 50  
def func(x):  
    print('x is', x)  
    x = 2  
    print('Changed local x to', x)  
func(x)  
print('x is now', x)
```

A.

```
x is 50  
Changed local x to 2  
x is now 50
```

**B.**

```
x is 50  
Changed local x to 2  
x is now 2
```

**C.**

```
x is 50  
Changed local x to 2  
x is now 100
```

**D. None of the mentioned**

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

```
def function1(var1=5, var2=7):  
    var2=9  
    var1=3  
    print (var1, " ", var2)  
function1(10,12)
```

**A. 5 7**

**B. 3 9**

**C. 10 12**

**D. error**

**4. In Linux, The file permission 764 means:?**

**A. Every one can read, group can execute only and the owner can read and write**

**B. Every one can read and write, but owner alone can execute**

**C. Every one can read, group including owner can write, owner alone can execute**

**D. Every one can read and write and execute**

**5. The permission -rwxr-r- represented in octal expression will be?**

- A. 777**
- B. 666**
- C. 744**
- D. 711**

**6. Which is the core of the operating system?**

- A. Shell**
- B. Kernel**
- C. Commands**
- D. CLI and GUI**

**7. Command used to count number of character in a file is**

- A. grep**
- B. wc**
- C. count**
- D. cat**

**8. In Linux, if all the members of the group share their files, they are called as?**

- A. File owner**
- B. Other users**
- C. File users**
- D. Group users**

**9. When you are in the command mode in Vim editor, what takes you to the line editing mode?**

- A. Cursor**
- B. : colon**
- C. Esc**
- D. Enter**

**10. The location where the user enter user name is called as?**

- A. Login location**
- B. Login user**
- C. Login prompt**
- D. Login name**

**11. How can you check your current git version?**

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

**12. 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**

**13. 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**

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

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

**15. Which command creates an empty Git repository in the specified directory?**

- A. git reset**
- B. git log ..**
- C. git init**
- D. git init --bare**

## Interview Questions

**15m**

1. Explain Python functions?
2. What are local variables and global variables in Python?

## Videos of the Week

**15m**

- [Day in the Life : Data Scientist](#)
- [Day in the Life : Full-Stack Developer](#)
- [Day in the Life : DevOps Engineer](#)

## 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?

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## Closing

**5m**

- Next week's plan
  - QA Session
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