

# STUDENT VERSION (TW-8)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Logical Reasoning 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 is the proper way to write a list comprehension that represents all the keys in this dictionary in Python?**

```
fruits = {'Apples': 5, 'Oranges': 3, 'Bananas': 4}
```

- A. `fruit_names = [x in fruits.keys() for x]`
- B. `fruit_names = for x in fruits.keys()`
- C. `fruit_names = [x for x in fruits.keys()]`
- D. `fruit_names = x for x in fruits.keys()`

**2. When would you use a for loop in Python?**

- A. Only in some situations, as loops are used only for certain type of programming.
- B. When you need to check every element in an iterable of known length.
- C. When you want to minimize the use of strings in your code.
- D. When you want to run code in one file for a function in another file

**3. What is the output of the following program?**

```
i = 5
while True:
    if i%0xe == 0:
        break
    print(i)
    i += 1
```

**A.**

Error

**B.**

5  
6  
7  
8

**C.**

5  
6

**D.**

5  
6  
7  
8  
9  
10  
11  
12  
13

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

```
x = 'abcd'
for i in range(len(x)):
    i[x].upper()
print (x)
```

- A. abcd**
- B. ABCD**
- C. error**
- D. aBcD**

**5. Suppose there is a list such that:  $k=[2,3,4]$ . If we want to print this list in reverse order, which of the following methods should be used?**

- A. `reverse(k)`**
- B. `list(reverse[(k)])`**
- C. `reversed(k)`**
- D. `list(reversed(k))`**

**6. Which of the following is delivered at the end of the Sprint?**

- A. A document containing test cases for the current sprint**
- B. An architectural design of the solution**
- C. An increment of Done software**
- D. Wireframes designs for User Interface**

**7. In an Agile environment, what is the main responsibility of a tester?**

- A. Create test scenarios and test cases**
- B. Finding bugs**
- C. Create automation scripts**
- D. There is no role as a Tester in Scrum**

**8. When is a Sprint Retrospective ceremony performed?**

- A. Whenever the team suggests**
- B. At the end of each Sprint**
- C. Whenever the Product Owner suggests**
- D. Whenever the Scrum Master suggests**

**9. Who is responsible to measure the Project's performance?**

- A. The Scrum Master**
- B. The Product Owner**
- C. The Scrum Team**
- D. The Development Team**

**10. Which one is not one of the main responsibilities of a Scrum Master?**

- A. Facilitating meeting as and when requested**
- B. Consulting the Development Team and Product Owner**
- C. Bridging the Gap between the Team and the Customer**
- D. Removing Impediments**

**11. What will show you all the subdirectories of the current directory?**

- A. ls
- B. rm
- C. pwd
- D. cd

**12. What does the pwd command do?**

- A. It saves the current working directory, so that you can return there with the pwd command
- B. It asks the password of the current user, and the prompts for a new password
- C. It prints the path of the current working directory
- D. It launches the power management daemon

**13. Which of the following command helps to create directory called test?**

- A. mkdir test
- B. md test
- C. dir test
- D. None of the above

**14. Which option of rm command is used to remove a directory with all its subdirectories?**

- A. -b
- B. -p
- C. -o
- D. -r

**15. Which directory contain device special files?**

- A. /etc
- B. /etc/dev
- C. /root/bin
- D. /dev

1. Explain Python functions?

2. What are local variables and global variables in Python?

3. What is Kanban?

4. What is Agile Testing and How is Agile Methodology different than Traditional Waterfall process?

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Coffee Break

10m



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Logical Reasoning Questions

15m

1. There are three houses. One is red, one is blue, and one is white. If the red house is to the left of the house in the middle, and the blue house is to the right of the house in the middle, where is the white house?

2. A boy and a doctor were fishing. The boy is the doctor's son, but the doctor isn't the boy's father. Who is the doctor?

3. Two world's famous prisoners 'Colditz' and 'Pascal' are locked in a cell. They plan to escape from the cell. They noticed there is an open window at 40 feet above the ground level. Both of them tried very hard but are never able to reach there. Then both of them decided to plan to escape by a tunnel and they start digging out. After digging for just 5 days, Colditz and Pascal comes out with the much more easier plan than tunneling and they escaped. what was the plan?

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Video of the Week

5m

- [Day in the Life : Data Scientist](#)
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## 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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