

# STUDENT VERSION (TW-3)

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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
- ▶ Case study / project

# Teamwork Schedule

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## 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 is the linux mascot?

- A. Hat
- B. Gecko
- C. Elephant
- D. Penguin

### 2. The Linux Kernel was written by?

- A. Brian Kernighan
- B. Linus Torvalds
- C. Dennis Ritchie
- D. Richard Stallman

### 3. 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

### 4. SDLC stands for?

- A. Software Development Life Cycle
- B. System Development Life Cycle

- C. Software Design Life Cycle
- D. System Design Life Cycle

**5. 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

**6. Which of the following are valid step in SDLC framework?**

- A. Requirement Gathering ✓
- B. System Analysis ✓
- C. Software Design ✓
- D. All of the above

**7. Which of the following is not a software development life cycle model?**

- A. Agile model
- B. RAD model
- C. Waterfall model
- D. Sequential model

**8. Verification is the responsibility of ?**

- A. Developer
- B. Analyst
- C. QA Team
- D. Designer

**9. Which of the following is NOT a valid way to specify the string literal foo'bar in Python?**

- A. 'foo\'bar'
- B. "foo'bar" ✓
- C. 'foo'bar' ✓
- D. """foo'bar""" ✓

**10. Which of the following is not a Python built-in function?**

- A. map()
- B. round()
- C. repr()
- D. diff()

11. How do you insert COMMENTS in Python code?

- A. #This is a comment
- B. //This is a comment
- C. /This is a comment/
- D. --This is a comment--

12. Which one is NOT a legal variable name?

- A. \_myvar
- B. Myvar
- C. my\_var
- D. my-var

13. What is the correct syntax to output the type of a variable or object in Python?

- A. print(type(x))
- B. print(typeOf(x))
- C. print(typeof(x))
- D. print(typeof x)

14. What will be the output of the following Python statement?

```
example = "snow world"  
print("%s" % example[4:7])
```

The %s operator adds a string inside another string.

- A. wo
- B. world
- C. sn
- D. rl

Format gibi

15. What will be the output of the following Python statement?

```
print("abcd"[2:])
```

- A. ac
- B. bc
- C. **cd**
- D. dc

16. What will be the output of the following Python statement?

```
print(chr(ord('b')+1))
```

ord('b') -> 98  
98+1 = 99  
chr(99) ASCII 'c'

- A. a
- B. b
- C. **c**
- D. A

17. What will be the output of the following Python statement?

```
print(format("Welcome", "10s"), end = '#') Welcome ile birlikte 10 string ve # ile bitir
print(format(111, "4d"), end = '#')
print(format(924.656, "3.2f"))
```

- A. Welcome# 111#924.66
- B. Welcome#111#924.66
- C. Welcome#111#.66
- D. **Welcome # 111#924.66**

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

```
print("xyyzyzxzyy".count('yy', 2))
```

- A. 3
- B. 2
- C. **1**
- D. 4

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

```
print("xyyzyzxzyy".endswith("xyy", 0, 2))
```

- A. 0
- B. 1
- C. True
- D. **False**

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## Interview Questions

**15m**

### 1. What is Linux?

Linux is an operating system based on UNIX and was first introduced by Linus Torvalds. It is based on the Linux Kernel and can run on different hardware platforms manufactured by Intel, MIPS, HP, IBM, SPARC, and Motorola. Another popular element in Linux is its mascot, a penguin figure named Tux.

### 2. State the importance of Design phase in SDLC?

The requirements is specified in the form of a document. It is then converted into a logical structure which needs to be implemented in a specific programming language. The design phase is also helpful for specifying hardware & system requirements. It also allows defining complete system architecture. The output is designed to document that acts as an input for all the subsequent SDLC phases.



## Coffee Break

**10m**

## Logical Reasoning Questions

**15m**

1   2   3   4   5   5 = 20   7=50

1. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?

2. CUP : LIP :: BIRD : ?

- A. GRASS
- B. FOREST
- C. **BEAK**   gaga
- D. BUSH   cali

3. An Informal Gathering occurs when a group of people get together in a casual, relaxed manner. Which situation below is the best example of an Informal Gathering?

- A. A debating club meets on the first Sunday morning of every month.
- B. **After finding out about his salary raise, Jay and a few colleagues go out for a quick dinner after work.**
- C. Meena sends out 10 invitations for a bachelorette party she is giving for her elder sister.
- D. Whenever she eats at a Chinese restaurant, Roop seems to run into Dibya.

## Video of the Week

10m

- [What is Linux?](#)
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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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