STUDENT VERSION (TW-3)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Logical Reasoning Questions

▶ Video of the week

▶ Retro meeting

▶ Case study / project

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   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 sotware 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()   map(function, iterable, ...): Iterable bir deikenin her bir elemanna istenen bir fonksiyonun
B. round()   uygulanmasdr. Ör: my_list = ["abc", "def", "ghj"]   map(list, my_list) output: [["a", "b", "c"], ["d", "e", "f"], ["
C. repr()   g", "h", "j"]]
D. diff()   The repr() function returns a printable representation of the given object.

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?

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

A. wo   "%s" :append a string within a string
B. world   komutu pythonda bir sitringin içine yeni bir string eklemek için kullanlr.
                 Ör:
C. sn   name = "Geek"
D. rl   print("Hey, %s!" % name)

                 Hey, Geek!

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

```python
print("abcd"[2:])          'cd'
```

A. ac

B. bc

C. cd

D. dc

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

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

A. a

B. b

C. c

D. A

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

```python
print(format("Welcome", "10s"), end = '#')
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?

```python
print("xyyzxyzxzxyy".count('yy', 2))
```

A. 3   "string".count("sth", start, end)

B. 2

C. 1

D. 4

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

```python
print("xyyzxyzxzxyy".endswith("xyy", 0, 2))
```

A. 0

B. 1

C. True

D. False

Interview Questions   15m

Just like Windows, iOS, and Mac OS, Linux is an operating system. In fact, one of the most popular platforms on the planet, Android, is powered by the Linux operating system.

1. What is Linux?   Linux is one of the most reliable, secure and worry-free operating systems available.
From smartphones to cars, supercomputers and home appliances, home desktops to enterprise servers, the Linux operating system is everywhere.

Linux is also distributed under an open source license.

2. State the importance of Design phase in SDLC?

Successful completion of the Design Phase should comprise:
• Transformation of all requirements into detailed specifications covering all aspects of the system
• Assessment and planning for security risks
• Approval to progress to the Development Phase

☕   The purpose of the Design Phase is to transform the requirements into complete and detailed system design specifications. Once the design is approved, the Development Team begins the Development Phase.

Coffee Break   10m

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Logical Reasoning Questions   15m

1. Look at this series: 80, 10, 70, 15, 60, … What number should come next?   _20_

2. CUP : LIP :: BIRD : ?

A. GRASS _çim_

B. FOREST _orman_

C. BEAK _gaga_

D. BUSH _çalı_

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?

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