STUDENT VERSION (TW-2)

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 do we mean by Computational Thinking?

A. Breaking a task into smaller tasks
B. Understanding a complex problem and developing possible solutions
C. Focusing on what is important, ignoring what is unnecessary
D. Selecting a computer to use

2. Breaking a complex problem down into smaller problems and solving each one individually?

A. Programming
B. Decomposition
C. Abstraction
D. Algorithmic Thinking

3. Why do we need to think computationally?

A. To help us to think like a computer
B. To help us program
C. To help us solve complex problems more easily
D. None of these

4. What is an Algorithm?

A. Some instructions
B. Something a computer does to think

C. A series of steps and instructions with given outputs to produce an input
D. A series of steps and instructions with given inputs to produce an output

5. What is the result of the following operation?

```
print(1 + 4*3)
```

A. 15
B. 13
C. 12
D. 10

6. Which python code gives the output "I love Python" ?

A. input("I love Python")
B. output("I love Python")
C. read("I love Python")
D. print("I love Python")

7. Guess the output of this code:

```
print( (3**2)//2 )
```

A. 0
B. 2
C. 4
D. 3

8. What symbol(s) do you use to assess equality between two elements?

A. &&
B. ==
C. =
D. ||

9. What value would be returned by this check for equality?

```
5!=6
```

A. Yes
B. False
C. True
D. None

10. Select all options that print?

```
hello-how-are-you
```

A. print('hello', '-how', 'are', '-you')
B. print('hello', 'how', 'are-', 'you' + '-' * 4)
C. print('hello-' + 'how-are-you')
D. print('hello' + '-' + 'how' + '-' + 'are' + 'you')

Interview Questions 15m

1. What does computational thinking stand for and why it is important?

2. What are the key features of Python?

1. Easy To Learn and Readable Language
2. Interpreted Language
3. Dynamically Typed Language
4. Open Source And Free
5. Large Standard Library
6. High-Level Language
7. Object Oriented Programming Language
8. Large Community Support
9. Platform Independent
10. Extensible and Embeddable
11. Graphical User Interface (GUI) Support

3. How memory is managed in Python?

Pythonda bellek yönetimi bellek yöneticisi tarafndan yaplr:
Bellek yöneticisi tüm bellek sürecini yönetir. Tüm Python nesnelerini ve veri yapların içeren özel heap yapsn kullanr.

4. What are the four stages of computational thinking?

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Coffee Break 10m

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Logical Reasoning Questions 15m

1. Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S?

A. K & P
B. R & P
C. Only P
D. P and T

- S is sitting next to P . So the order S,P or P,S is followed. K is sitting next to R. So, the order R, K is followed because R is on the extreme left. T is not next to P or K. So the arrangement will be R, K,P,S,T. Clearly, P and T are sitting adjacent to S.

2. In a family, there are husband-wife, two sons and two daughters. All the ladies were invited to a dinner. Both sons went out to play. Husband did not return from office. Who was at home?

A. Only wife was at home
B. Nobody was at home
C. Only sons were at home
D. All ladies were at home

Video of the Week 10m

- Computational Thinking: What Is It? How Is It Used?

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