STUDENT VERSION (TW-9)

TEAMWORK

CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

▶ Icebreaking

▶ Questions

▶ Interview Questions

▶ Coffee Break

▶ Video of the week

▶ Retro meeting

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   30m

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

```python
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?

```python
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?

```python
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. What is the purpose of the "def" keyword in Python?

A. It is slang that means "the following code is really cool"
B. It indicates the start of a function
C. It indicates that the following indented section of code is to be stored for later
D. b and c are both true

5. A computer that enables resource sharing by other computers on the same network.

A. Host
B. Throughput
C. RG-58
D. Core

6. Which piece of hardware would reduce the size of a broadcast domain?

A. Hub

B. Router

C. Packet injector

D. Switch

7. What is the purpose of the OSI model?

A. Enable users to access the internet

B. Improve the network performance by compressing data

C. To provide a set of standards for manufacturers

D. Make network devices such as a router, switch, hub communicate with each other

8. 1,000,000,000 bits per second is nearly

A. 1 gigabit per second(Gbps)

B. 1 megabit per second(Mbps)

C. 1 kilobit per second(Kbps)

D. 1 terabit per second(Tbps)

9. The seventh layer of the OSI model. This layer's protocols enable software programs to negotiate formatting, procedural, security, synchronization, and other requirements with the network.

A. Transmission Media

B. Session Layer

C. Application Layer

D. Physical Layer

10. "It is any device that can connect to a network. It can be used to describe endpoint devices, such as computers, laptops, servers, IP phones, smartphones, or printers, and connecting or forwarding devices, such as switches and routers." Which of the following is described?

A. Node

B. Workstation

C. Server

D. Segment

11. A type of transmission in which signals may travel in both directions over a medium simultaneously.

A. Flow Control

B. Half-duplex

C. Full-duplex

D. Iconvergence

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12. Encapsulation is the process of taking data from one protocol and translating it into another protocol, so the data can continue across a network.

A. True

B. False

Interview Questions   **15m**

1. What is SQL and What is a Database?

2. What do you mean by a table and a field in SQL?

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Coffee Break   **10m**

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Video of the Week   **20m**

- **Full Stack Development Explained**
- **What is SQL?**

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**