STUDENT VERSION (TW-9)

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?

```
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 called when a function is defined inside a class?

A. Module
B. Method
C. Class
D. Another function

5. 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

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. How many Primary keys can have in a table?

A. Only 1

B. Only 2

C. Depends on no of Columns

D. Depends on Database

10. Which of the following is not a valid aggregate function?

A. COUNT

B. COMPUTE

C. SUM

D. MAX

11. Which data manipulation command is used to combines the records from one or more tables?

A. SELECT

B. PROJECT

C. JOIN

D. PRODUCT

12. Which operator is used to compare a value to a specified list of values?

A. ANY
B. BETWEEN
C. ALL
D. IN

13. What operator tests column for absence of data?

A. NOT Operator
B. Exists Operator
C. IS NULL Operator
D. None of the above

14. If we have not specified ASC or DESC after a SQL ORDER BY clause, the following is used by default?

A. DESC
B. ASC
C. There is no default value
D. None of the mentioned

15. A command that lets you change one or more field in a table is?

A. INSERT
B. MODIFY
C. LOOK-UP
D. All of the above

Interview Questions   15m

1. States the importance of Design phase in SDLC?

2. What is SQL and What is a Database?

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

4. What is the difference between a primary key and a unique key?

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Coffee Break   10m

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Video of the Week   20m

- **Agile vs Waterfall**
- **What is SQL?**
- **DevOps Engineer**

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**