TEAM LEAD 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. 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"""

Answer: C

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

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

Answer: D

3. 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--

Answer: A

4. Which one is NOT a legal variable name?

A. _myvar
B. Myvar
C. my_var
D. my-var

Answer: D (python thinks it is minus sign)

5. 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)

Answer: A

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

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

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

Answer: A

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

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

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

Answer: C

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

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

A. a

B. b

C. c

D. A

Answer: C

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

```
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
```

more info about format https://www.geeksforgeeks.org/python-format-function/ *Answer: D*

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

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

A. 3

B. 2

C. 1

D. 4

Answer: C

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

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

A. 0

B. 1

C. True

D. False

Answer: D

12. Which choice is NOT a statement you would use to filter data in SQL?

A. GROUP_BY

B. WHERE

C. LIMIT

D. LIKE

Answer: A

13. In SELECT * FROM clients; what does clients represent in SQL?

A. a SQL query

B. a SQL statement

C. a database

D. a table

Answer: D

14. If you need to order a table of movies by name, which query will work in SQL?

A. SELECT * FROM movies GROUP BY name

B. SELECT * FROM movies ORDER BY name

C. SELECT * FROM movies ORDER TABLE by name

D. SELECT * FROM movies FILTER BY name

Answer: B

15. You are working with very large tables in your database. Which SQL clause do you use to prevent exceedingly large query results?

A. UNIQUE

B. LIMIT

C. DISTINCT

D. CONSTRAINT

Answer: B

Interview Questions   **15m**

1. What is SQL and What is a Database?

Answer: SQL stands for Structured Query Language , and it is used to communicate with the Database. This is a standard language used to perform tasks such as retrieval, updation, insertion and deletion of data from a database.

Database is nothing but an organized form of data for easy access, storing, retrieval and managing of data. This is also known as structured form of data which can be accessed in many ways.

Example: School Management Database, Bank Management Database.

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

Answer: Organized data in the form of rows and columns is said to be a table. Here, rows and columns are referred to as tuples and attributes. The number of columns in a table is referred to as a field. In the record, fields represent the characteristics and attributes.

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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?

Answer: 20. This is an alternating addition and subtraction series. In the first pattern, 10 is subtracted from each number to arrive at the next. In the second, 5 is added to each number to arrive at the next.

2. CUP : LIP :: BIRD : ?

A. GRASS
B. FOREST
C. BEAK
D. BUSH

Answer: C

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.

Answer: B

Video of the Week   10m

- [A day in the life of a Google Software 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