

STUDENT VERSION (TW-3)



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""

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

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

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--

4. Which one is NOT a legal variable name?

- A. _myvar
- B. Myvar

- C. my_var
- D. my-var

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)

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

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

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

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

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

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

- A. a
- B. b
- C. c
- D. A

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/>

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

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

- A. 3
- B. 2
- C. 1
- D. 4

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

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

- A. 0
- B. 1
- C. True
- D. False

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

- A. GROUP_BY
- B. WHERE
- C. LIMIT
- D. LIKE

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

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

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

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?



Coffee Break

10m



Logical Reasoning Questions

15m

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

2. CUP : LIP :: BIRD : ?

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

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.
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Video of the Week**10m**

- [A day in the life of a Google Software Engineer](#)
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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
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