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🔗 STUDENT VERSION (Week 2)

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TEAMWORK

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.

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?

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

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

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

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

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

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

```python
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

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

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

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

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

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

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

11. What is "Hello".replace("l", "e")?

A. Heeeo
B. Heelo
C. Heleo
D. None

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

```
print("xyyzxyzxzxyy".count('xyy', 2, 11))
```

A. 2
B. 0
C. 1
D. error

13. What will be the output of the following Python code snippet?

```
print('abcdefcdghcd'.split('cd'))
```

A. ['ab', 'ef', 'gh']
B. ['ab', 'ef', 'gh', '']
C. ('ab', 'ef', 'gh')
D.) ('ab', 'ef', 'gh', '')

14. How can you check your current git version?

A. git --v
B. git --version
C. git --option
D. git --current

15. What command lets you create a connection between a local and remote repository?

A. git remote add new
B. git remote add origin
C. git remote new origin
D. git remote origin

16. Which of the following is true you when you use the following command?

A. All new and updated files are staged

B. Files are staged in alphabetical order

C. All new files are staged

D. Only updated files are staged

17. What option can you use to apply git configurations across your entire git environment?

A. --all

B. --master

C. --global

D. --update

18. If you cloned an existing git repository, what would happen?

A. A new copy would overwrite the central repository

B. A copy of the repository would be created on your local machine

C. Nothing, cloning is not a supported git function

D. A copy of the repository would be created on the hosting platform

Interview Questions	15m	

1. What is the difference between Git and Github?

2. Mention the various Git repository hosting functions?

3. What is forking in Git and What is the use of a Git clone?

4. How memory is managed in Python?

ADDITIONAL RESOURCES	10m	

[Git-hands-on-1.pdf](#)

[Git-hands-on-2.pdf](#)

[Linux & Basic Linux Commands.pdf](#)

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.

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