# **TEAM LEAD VERSION (TW-6)**







# **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. What will be the output of the following Python code?

```
a=[1,2,3,4]
b=[sum(a[0:x+1]) for x in range(0,len(a))]
print(b)
```

**A.** [1,3,5,7]

**B.** [1,3,6,10]

**C.** 10

**D.** [1,3,5]

+Answer: B

# 2. What is the output of the following program?

```
L1 = []
L1.append([1, [2, 3], 4])
L1.extend([7, 8, 9])
print(L1[0][1][1] + L1[2])
```

**A.** 12

**B.** 11

**C.** 13

**D.** 10

+Answer: B

# 3. What is the output of the following program?

```
T = (1, 2, 3, 4, 5, 6, 7, 8)
print(T[T.index(5)], end = " ")
print(T[T[T[6]-3]-6])
```

- **A.** 40
- **B.** 4 1
- **C.** 58
- **D.** 5 IndexError
- +Answer: C

# 4. What would this expression return in Python?

```
D = {1 : 1, 2 : '2', '1' : 1, '2' : 3}
D['1'] = 2
print(D[D[D[str(D[1])]])
```

- A. KeyError
- **B.** '2'
- **C.** 3
- **D.** 2
- +Answer: C

# 5. What is the output of the code shown below?

```
set1 = {1, 2, 3}
set2 = set1.copy()
set2.add(4)
print(set1)
```

- **A.** {1, 2, 3, 4}
- **B.** Invalid Syntax
- C. Error
- **D.** {1, 2, 3}
- +Answer: D

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

- ITF\_TW\_6\_TEAM-LEAD.md A. GROUP\_BY B. WHERE C. LIMIT D. LIKE Answer: A 7. 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 8. 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 9. 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 10. How can you filter duplicate data while retrieving records from a table in SQL? A. DISTINCT
- B. WHERE
- C. LIMIT
- **D.** AS

Answer: A

#### 11. What operator tests column for absence of data?

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

Answer: C

# 12. 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

Answer: B

#### 13. 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

Answer: B

**Interview Questions** 

15m

#### 1. 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.

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

Answer: Both primary and unique keys carry unique values, but the primary key cannot have a null value while the unique key can have it. And in a table, there cannot be more than one primary key, but it can have multiple unique keys.



Coffee Break 10m



# **Logical Reasoning Questions**

15m

1. Which word does NOT belong with the others?

A.parsley

- B. basil
- C. dill
- D. mayonnaise
- +Answer: D
- 2. Eileen is planning a special birthday dinner for her husband's 35th birthday. She wants the evening to be memorable, but her husband is a simple man who would rather be in jeans at a baseball game than in a suit at a fancy restaurant. Which restaurant below should Eileen choose?
- A. Alfredo's offers fine Italian cuisine and an elegant Tuscan decor. Patrons will feel as though they've spent the evening in a luxurious Italian villa.
- B. Pancho's Mexican Buffet is an all-you-can-eat family style smorgasbord with the best tacos in town.
- C. The Parisian Bistro is a four-star French restaurant where guests are treated like royalty. Chef Dilbert Olay is famous for his beef bourguignon.
- D. Marty's serves delicious, hearty meals in a charming setting reminiscent of a baseball clubhouse in honor of the owner, Marty Lester, a former major league baseball all-star.

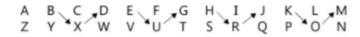
Answer: D

3. Find the missing term of the given series from the given alternatives?

BXD, EUG, ?, KOM

- A. HSI
- B. HRJ
- C. HSJ
- D. HRR

Correct Option: B



Hence, option (B) is correct.

Video of the Week 10m

• The 5 Best Python IDE's and Editors

**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