STUDENT VERSION (TW-6)

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 (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]

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

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. 4 0

B. 4 1

C. 5 8

D. 5 IndexError

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

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}

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

A. GROUP_BY

B. WHERE

C. LIMIT

D. LIKE

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

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

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

10. How can you filter duplicate data while retrieving records from a table in SQL?

A. DISTINCT

B. WHERE

C. LIMIT

D. AS

11. What operator tests column for absence of data?

A. NOT Operator

B. Exists Operator

C. IS NULL Operator

D. None of the above

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

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

Interview Questions   15m

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

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

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Coffee Break   10m

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Logical Reasoning Questions   15m

1. Which word does NOT belong with the others?

A.parsley
B. basil
C. dill
D. mayonnaise

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.

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

BXD, EUG, ? , KOM

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

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**