

# STUDENT VERSION (TW-6)

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CLARUSWAY  
WAY TO REINVENT YOURSELF

## Meeting Agenda

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- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Logical Reasoning Questions
- ▶ Video of the week
- ▶ Retro meeting
- ▶ Case study / project

# Teamwork Schedule

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## 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]

### 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?**



### Coffee Break

10m



### 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\*\*](#)
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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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