

TEAM LEAD VERSION (TW-10)



CLARUSWAY
WAY TO REINVENT YOURSELF

Meeting Agenda

- ▶ Icebreaking
- ▶ Questions
- ▶ Interview Questions
- ▶ Coffee Break
- ▶ Video of the week
- ▶ Retro meeting

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

30m

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

```
def san(x):  
    print(x+1)  
x=-2  
x=4  
san(12)
```

- A. 13
- B. 10
- C. 2
- D. 5

+Answer: A

2. What is the output of the following program?

```
def foo(fname, val):  
    print(fname(val))  
foo(max, [1, 2, 3])  
foo(min, [1, 2, 3])
```

A.

```
3  
1
```

B.

1
3

C.

1
1

D.

3
2

+Answer: A

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

```
count = 0
my_string = "Clarusway"
my_char = "a"
for i in my_string:
    if i == my_char:
        count += 1
print(count)
```

A. True

B. 1

C. 2

D. 3

Answer: C

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

```
num = 2013
reversed_num = 0

while num != 0:
    digit = num % 10
    reversed_num = reversed_num * 10 + digit
    num //= 10
```

```
print(reversed_num)
```

- A. Error
 - B. 2013
 - C. 3102
 - D. 2222
- Answer: C**

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

```
f=lambda x:bool(x%2)
print(f(20), f(21))
```

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

+Answer: A

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

```
random.randrange(0,91,5)
```

- A. 10
- B. 18
- C. 79
- D. 95

Answer: A

7. What is the output of the following program?

```
def foo():
    try:
        return 1
    finally:
        return 2
k = foo()
print(k)
```

- A. 8
- B. 6
- C. 4
- D. 2

Answer: D

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

```
x=10
y=8
assert x>y, 'X too small'
```

- A. Assertion Error
- B. 10 8
- C. No output
- D. 108

Answer: C

9. Which of the following is not an exception handling keyword in Python?

- A. try
- B. except
- C. accept
- D. finally

Answer: C

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

```
valid = False
while not valid:
    try:
        n=int(input("Enter a number"))
        while n%2==0:
            print("Bye")
        valid = True
    except ValueError:
        print("Invalid")
```

- A. Bye (printed once)
- B. No output

C. Invalid (printed once)

D. Bye (printed infinite number of times)

Answer: D

11. 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

12. Which of the following is not a valid aggregate function?

A. COUNT

B. COMPUTE

C. SUM

D. MAX

Answer: B

13. Which data manipulation command is used to combines the records from one or more tables?

A. SELECT

B. PROJECT

C. JOIN

D. PRODUCT

Answer: C

14. Which operator is used to compare a value to a specified list of values?

A. ANY

B. BETWEEN

C. ALL

D. IN

Answer: D

15. 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

Interview Questions

15m

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

Answer: A table refers to a collection of data in an organised manner in form of rows and columns. A field refers to the number of columns in a table. For example:

Table: StudentInformation Field: Stu Id, Stu Name, Stu Marks

Closing

5m

- Farewell
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