

STUDENT 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

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

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

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

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

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

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

A. 10

B. 18

C. 79

D. 95

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

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

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

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

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)

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

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

- A. COUNT
- B. COMPUTE
- C. SUM
- D. MAX

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

- A. SELECT
- B. PROJECT
- C. JOIN
- D. PRODUCT

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

- A. ANY
- B. BETWEEN
- C. ALL
- D. IN

15. What operator tests column for absence of data?

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

Interview Questions

15m

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

Closing

5m

- Farewell
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