STUDENT VERSION (TW-10)

TEAMWORK

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?

```python
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?

```python
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?

```python
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?

```python
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?

```python
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?

Tables contain rows and columns, where the rows are known as records and the columns are known as fields.

Closing   5m

- **Farewell**