TEAM LEAD VERSION (TW-1)

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

- Introduction.
- 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. Which one is not an input device?

A. Mouse
B. Keyboard
C. Scanner
D. Spekar

Answer: D

2. What is Cache RAM?

A. Extra memory used for overflow from your Hard Disk
B. A place to store secret information like passwords
C. Fast memory used for data that is accessed often
D. It is the same as your Hard Disk Drive

Answer: C

3. What does a system bus do?

A. Allows the user to communicate with the computer
B. Connects various components within the computer
C. Carries out instructions
D. Stores data and instructions

Answer: B

4. The _____ of a system includes the programs or instructions?

A. Software
B. Input
C. Hardware
D. Application

Answer: A

5. Computers use the _____ number system to store data and perform calculations?

A. Decimal
B. Octal
C. Binary
D. Codes

Answer: C

6. Python was created by ....?

A. Steve Jobs
B. Gecko
C. Guido van Rossum
D. James Gosling

Answer: C

7. According to the PEP 8 coding style guidelines, how should constant values be named in Python?

A. in camel case without using underscores to separate words -- e.g. maxValue = 255
B. in lowercase with underscores to separate words -- e.g. max_value = 255
C. in all caps with underscores separating words -- e.g. MAX_VALUE = 255
D. in mixed case without using underscores to separate words -- e.g. MaxValue = 255

Answer: C

8. Is Python case sensitive when dealing with identifiers?

A. Yes
B. Machine dependent
C. No
D. None of the mentioned

Answer: A

9. Which of the following is true for variable names in Python?

A. All private members must have leading and trailing underscores
B. Unlimited length
C. Underscore and ampersand are the only two special characters allowed
D. None of the mentioned

Answer: B

10. Which of the following is an invalid statement?

A. abc = 1,000,000
B. a b c = 1000 2000 3000
C. a,b,c = 1000, 2000, 3000
D. a_b_c = 1,000,000

Answer: B

11. The first Network was called _____

A. CNNET
B. NSFNET
C. ASAPNET
D. ARPANET

Answer: D

12. It connects applications to the actual processing of data. It also manages all communications between software and Hardware components to ensure usability and reliability

A. RAM
B. kernel
C. operating system
D. CPU

Answer: B

13. It is firmware used to perform hardware initialization during the booting process (power-on start up), and to provide run time services for operating systems and programs

A. RAM
B. kernel
C. operating system
D. BIOS

Answer: D

Interview Questions   **15m**

1. What is Python?

Answer: *Python is a high-level, interpreted, general-purpose programming language. Being a general-purpose language, it can be used to build almost any type of application with the right tools/libraries. Additionally, python supports objects, modules, threads, exception-handling and automatic memory management which help in modelling real-world problems and building applications to solve these problems.*

2. What is PEP 8 and why is it important?

Answer: *PEP stands for Python Enhancement Proposal. A PEP is an official design document providing information to the Python Community, or describing a new feature for Python or its processes. PEP 8 is especially important since it documents the style guidelines for Python Code. Apparently contributing in the Python open-source community requires you to follow these style guidelines sincerely and strictly.*

3. Is indentation required in python?

Answer: *Indentation is necessary for Python. It specifies a block of code. All code within loops, classes, functions, etc is specified within an indented block. It is usually done using four space characters. If your code is not indented necessarily, it will not execute accurately and will throw errors as well.*

4. What are the primary components of a computer system?

Answer: *The primary components of most computer systems are the central processing unit, the memory and the input and output devices. The CPU is typically an arithmetic logic unit, control unit or both. The memory of a computer system refers to both the primary and secondary memory.*

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Coffee Break   **10m**

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Logical Reasoning Questions   **15m**

1. Which word is the odd one out?

A. Hate

B. Fondness

C. Liking

D. Attachment

Answer: A

2. Meena's mother has five daughters: Reena, Teena, Sheena and Sheela. Who is the fifth daughter?

Answer: Meena

3. Before the days of motor cars, a man rode into town on his horse. He arrived on Sunday, spent three days in town and left on Sunday. How is that possible?

Answer: The name of the horse was Sunday

Video of the Week   10m

- Coding is Not Difficult

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