TEAM LEAD VERSION (TW-4)

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

- 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 show you all the subdirectories of the current directory?

A. ls
B. rm
C. pwd
D. cd

Answer: A

2. What does the pwd command do?

A. It saves the current working directory, so that you can return there with the pwd command
B. It asks the password of the current user, and the prompts for a new password
C. It prints the path of the current working directory
D. It launches the power management daemon

Answer: C

3. Which of the following command helps to create directory called test?

A. mkdir test
B. md test
C. dir test
D. None of the above

Answer: A

4. Which option of rm command is used to remove a directory with all its subdirectories?

A. -b
B. -p
C. -o
D. -r

Answer: D

5. Which is the core of the operating system?

A. Shell
B. Kernel
C. Commands
D. CLI and GUI

Answer: B

6. The prompt of the root user is?

A. @
B. #
C. %
D. $

Answer: B

7. The location where the user enter user name is called as?

A. Login location
B. Login user
C. Login prompt
D. Login name

Answer: C

8. which of the following tag <...> is used to mark a begining of paragraph?

A. pr
B. td
C. br
D. p

Answer: D

9. Character encoding is

A. method used to represent numbers in a character

B. method used to represent character in a length

C. method used to represent character in a number

D. a system that consists of a code which pairs each character with a pattern, sequence of natural numbers or electrical pulse in order to transmit the data

Answer: D

10. To create HTML page, you need _____?

A. Web browser

B. text editor

C. Both [A] and [B]

D. None of the above

Answer: C

11. What does the < br > tag add to your webpage?

A. Long break

B. Paragraph break

C. Line break

D. None of the above

Answer: C

12. What is "Hello".replace("l", "e")?

A. Heeeo

B. Heelo

C. Heleo

D. None

+Answer: A

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

```python
print("xyyzxyzxzxyy".count('xyy', 2, 11))
```

A. 2

B. 0

C. 1

D. error

+Answer: B

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

```
print('abcdefcdghcd'.split('cd'))
```

A. ['ab', 'ef', 'gh']
B. ['ab', 'ef', 'gh', '']
C. ('ab', 'ef', 'gh')
D.) ('ab', 'ef', 'gh', '')

+*Answer: B*

Interview Questions   **15m**

1. **What is** difference between LINUX and UNIX?

Answer: Although there are multiple differences between LINUX and UNIX, enlisted points in the below cover all the major differences.

- LINUX is an open source software development and free operating system used for computer hardware & software, game development, PCs, etc. UNIX is an operating system which is basically used in Intel, HP, internet servers, etc.
- LINUX has priced as well as freely distributed and downloaded versions. Different versions/flavours of UNIX have different price structures.
- Users of this operating system could be anyone including home users, developers, etc. This operating system was basically developed for mainframes, servers and workstations except for OSX which is designed such that it can be used by anyone. File support system includes Ext2, Ext3, Ext4, Jfs, Xfs, Btrfs,FAT, etc. File support system includes jfs, gpfs, hfs, etc. BASH (Bourne Again Shell) is the Linux default shell i.e. text mode interface which supports multiple command interpreters. Bourne shell serves as the text mode interface which is now compatible with many others including BASH.
- LINUX provides two GUIs, KDE and Gnome. Common desktop environment was created which serves as a GUI for UNIX. Examples: Red Hat, Fedora, Ubuntu, Debian, etc. Examples: Solaris, All Linux It provides higher security and has about 60-100 viruses listed till date. It is also highly secured and has about 85-120 viruses listed till date.

2. **What** do you understand by the Root account?

Answer: As the name suggests, it is like a system administrator account which gives you the ability to fully control the system. The root account serves as the default account whenever Linux is installed.

Below mentioned functions can be performed by the Root account:

- Create user accounts
- Maintain user accounts
- Assign different permissions to each account created and so on

3. **What** are some of the advantages of HTML5 over its previous versions?

Answer: Some advantages of HTML5 are:-

- **It has Multimedia Support.**
- **It has capabilities to store offline data using SQL databases and application cache.**
- **Javascript can be run in the background.**
- **HTML5 also allows users to draw various shapes like rectangles, circles, triangles, etc.**
- **Included new Semantic tags and form control tags.**

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Coffee Break   10m

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Logical Reasoning Questions   15m

1. Look at this series: 2, 1, (1/2), (1/4), ... What number should come next?

A. (1/3)
B. (1/8)
C. (2/8)
D. (1/16)

Answer: B

2. A Tiebreaker is an additional contest carried out to establish a winner among tied contestants. Choose one situation from the options below that best represents a Tiebreaker?

A. At halftime, the score is tied at 2-2 in a football match.
B. Serena and Maria have each secured 1 set in the game.
C. The umpire tosses a coin to decide which team will have bat first.
D. RCB and KKR each finished at 140 all out.

Answer: D

Video of the Week   10m

- **A day in the life of a Google Software Engineer**

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**