

## Python Vocal Questions for 7:30 & 09:30 ( 07/10/2025 )

### ◆ HTML (3 Questions)

1. What is the difference between inline, block, and inline-block elements?
  2. Why is the `<alt>` attribute in an `<img>` tag important?
  3. What is the difference between `<link>` and `<script>` tags in HTML?
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### ◆ CSS (3 Questions)

4. What is the difference between relative units (em, rem, %) and absolute units (px, cm) in CSS?
  5. What is the difference between `position: relative` and `position: absolute`?
  6. What is the difference between **pseudo-classes** and **pseudo-elements** in CSS? Give examples.
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### ◆ Tailwind CSS (3 Questions)

7. What makes Tailwind different from frameworks like Bootstrap?
  8. In Tailwind, how do you apply responsive designs for mobile, tablet, and desktop?
  9. What is the difference between a **framework** and a **library**?
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### ◆ Python (4 Questions)

10. What is the difference between `list`, `tuple`, `set`, and `dictionary` in Python?
  11. What is the syntax of a **for loop** in Python?
  12. What is the difference between shallow copy and deep copy in Python?
  13. What is **polymorphism** in Python?
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### ◆ SQLite & MySQL (4 Questions)

14. What is the difference between SQLite and MySQL databases?
  15. How can we filter the names in a table that start with the letter 'A'?
  16. What are the differences between a **Primary Key** and a **Unique Key** in SQL?
  17. What is the use of a **JOIN** in SQL?
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### ◆ MongoDB (3 Questions) ( Don't ask this topic to 09:30 )

18. What type of database is MongoDB — relational or non-relational?

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19. What is a collection in MongoDB, and how is it different from a table in SQL?
20. What is the difference between `findOne()` and `find()` in MongoDB?