

INTERVIEW QUESTIONS FOR SCRATCH CODING

FOR KIDS

1. What is a computer?

- **Answer:** A computer is an electronic device that processes data and performs tasks according to a set of instructions called programs. It can be used for various activities like browsing the internet, playing games, and creating documents.

2. What is programming?

- **Answer:** Programming is the process of creating a set of instructions that a computer can follow to perform specific tasks. It involves writing code in programming languages like Python, Scratch, or JavaScript.

3. What is an operating system?

- **Answer:** An operating system (OS) is the software that manages a computer's hardware and software resources. It allows users to interact with the computer and run applications. Examples include Windows, macOS, and Linux.

4. What is a programming language?

- **Answer:** A programming language is a formal language used to write code that computers can understand. Different programming languages have different syntax and rules, like Python, Java, and Scratch.

5. What is an algorithm?

- **Answer:** An algorithm is a step-by-step set of instructions to solve a problem or complete a task. In programming, algorithms help define how a program should work.

6. What is a bug in programming?

- **Answer:** A bug is an error or mistake in a program that causes it to behave unexpectedly or not work correctly. Programmers fix bugs by debugging their code.

7. What is a variable?

- **Answer:** A variable is a way to store information in a program. It can hold different values, like numbers or text, and can change as the program runs.

8. What does "debugging" mean?

- **Answer:** Debugging is the process of finding and fixing errors or bugs in a program. Programmers use debugging tools to help identify issues and ensure their code works as intended.

9. What is a loop in programming?

- **Answer:** A loop is a programming construct that allows a set of instructions to be repeated multiple times until a certain condition is met. It helps make programs more efficient by avoiding repetitive code.

10. What is a sprite in Scratch?

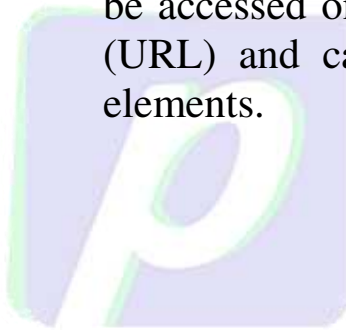
- **Answer:** A sprite is a character or object in a Scratch project that can be programmed to move, interact, and perform actions. Each sprite can have its own set of instructions and behaviors.

11. What is the internet?

- **Answer:** The internet is a global network of connected computers that communicate with each other. It allows people to share information, access websites, and communicate through emails and social media.

12. What is a website?

- **Answer:** A website is a collection of related web pages that can be accessed on the internet. Each website has a unique address (URL) and can contain text, images, videos, and interactive elements.



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