

Q1: What is a class in object-oriented programming?

Ans: A class in object-oriented programming is a blueprint for creating objects, defining properties and methods. For example, a Car class might have attributes like color and methods like drive(). Classes enable code reuse and organization, as seen in Python with class Car

Q2: Explain conditional statements in programming.

Ans: Conditional statements control program flow based on conditions. For instance, an if statement in Python checks if a condition is true, like `if x > 10: print("Large")`. They include else and elif to handle alternative cases, ensuring decisions are made dynamically.