**Question 1: Briefly explain domain specific languages?**

A **Domain-Specific Language (DSL)** is a programming language or specification language designed to focus on a specific aspect or domain of a problem. Unlike general-purpose programming languages (e.g., C#, Python), DSLs provide specialized syntax and semantics tailored to a particular domain, making them concise and easier to use for domain experts. Examples of DSLs include HTML for web layout, SQL for database queries, and Regex for pattern matching.