**Q1. What is ORM (Object-Relational Mapping)?**

Object-Relational Mapping (ORM) is a programming technique that enables developers to interact with relational databases using object-oriented code. It acts as a bridge between the object-oriented world of programming languages like C# and the relational structure of databases. ORM maps C# classes (known as entities) to database tables, and class properties to the corresponding columns in those tables, allowing data manipulation without writing raw SQL queries.