

# 1. What is ORM?

ORM stands for object-relational mapping, where programmers can transfer data in the form of objects.

The ORM maps the classes as tables and class properties as columns in tables. An instance of a class is treated as a row.

Advantages of ORM:

- Simplifies data access
- Reduces repetitive code
- Increased productivity
- Cross platform compatibility
- Increased performance
- Data integrity

Entity framework development has two approaches:

1. CodeFirst - In this approach, the data model (classes) is created first, and Entity Framework Core generates the database schema based on the model.

2. DatabaseFirst-This approach is used when an existing database is available. Entity Framework Core can generate the data model (classes) based on the database schema.