Entity Framework : ORM , Object Relational Mapper

FE BE

OBJECT RELATION

Class Table

Id Id

Name Name

BatchCode BatchCode

Marks Marks

3 ways to use EF

Code First > You start from the classes , you get tables

Database First > You start from the tables , you get classes (edmx)

Model First > You start from the model , you get classes & tables (edmx)

Steps in Code First Approach

**Step 1:**

**class Batch**

**{**

**public int Id { get; set; }**

**public string Name { get; set; }**

**public string Course { get; set; }**

**public int Strength { get; set; }**

**}**

**Step 2:**

**class BatchDbContext : DbContext**

**{**

**public DbSet<Batch> Batches { get; set; }**

**}**

**Step 3:**

**<connectionStrings>**

**<add name="BatchDbContext" connectionString="data source=admivm\\SQLEXPRESS;initial catalog=StudentDb;user id=sa;password=pass@123" providerName="System.Data.SqlClient">**

**</add>**

**</connectionStrings>**