First EF Core Console Application

Entity Framework Core with [Code-First](https://www.entityframeworktutorial.net/code-first/what-is-code-first.aspx) approach step by step

1. File -> New -> Project (Console App(.net core))
2. Go to Tools -> NuGet Package Manager -> Package Manager Console

PM> Install-Package Microsoft.EntityFrameworkCore.SqlServer

1. Create Model – add book.cs

public class Book

{

public int bookId { get; set; }

public string bookName { get; set; }

}

Add BookContext.cs

public class BookContext : DbContext

{

public DbSet<Book> Students { get; set; }

protected override void OnConfiguring(DbContextOptionsBuilder optionsBuilder)

{

optionsBuilder.UseSqlServer(@"Server=.\SQLEXPRESS;Database=BookStore;Trusted\_Connection=True;");

}

}

## **Adding a Migration**

1. add-migration CreateBookStore
2. update-database –verbose

Now Database would have been created

## **Reading or Writing Data**

static void Main(string[] args)

{

using (var context = new BookContext()) {

var bk = new Book()

{

Name = "ASPCore"

};

context.Books.Add(bk);

context.SaveChanges();

}