

Lab 4: Inserting Initial Data into the Database

Code:

```
using System;

using System.Threading.Tasks;

using lab2;

class Program
{
    static async Task Main(string[] args)
    {
        using var context = new AppDbContext();

        var electronics = new Category { Name = "Electronics" };
        var groceries = new Category { Name = "Groceries" };

        await context.Categories.AddRangeAsync(electronics, groceries);

        var product1 = new Product { Name = "Laptop", Price = 75000, Category =
electronics };

        var product2 = new Product { Name = "Rice Bag", Price = 1200, Category =
groceries };

        await context.Products.AddRangeAsync(product1, product2);
        await context.SaveChangesAsync();

        Console.WriteLine("Data inserted successfully from Lab4!");
    }
}
```

}

<Project Sdk="Microsoft.NET.Sdk">

<PropertyGroup>

<OutputType>Exe</OutputType>

<TargetFramework>net8.0</TargetFramework>

<ImplicitUsings>enable</ImplicitUsings>

<Nullable>enable</Nullable>

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<PackageReference Include="Microsoft.EntityFrameworkCore" Version="9.0.6" />

<PackageReference Include="Microsoft.EntityFrameworkCore.SqlServer"
Version="9.0.6" />

<PackageReference Include="Microsoft.Extensions.Configuration" Version="9.0.6" />

<PackageReference Include="Microsoft.Extensions.Configuration.Json"
Version="9.0.6" />

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<ItemGroup>

<ProjectReference Include="..\lab2\lab2.csproj" />

<ProjectReference Include="..\lab3\lab3.csproj" />

</ItemGroup>

</Project>

Output:

```
1  select * from Categories;
2  select * from Products;
```

100 % No issues found

Results Messages

	Id	Name
1	4	Electronics
2	5	Groceries

	Id	Name	Price	CategoryId
1	4	Laptop	75000.00	4
2	5	Rice Bag	1200.00	5

Query executed successfully. (1)