REFACTORING TO LINQ

Ultimate C# Masterclass Assignment

Overview

Refactor the code from the Cookie Cookbook project to use LINQ methods rather than loops.	Refactoring

The Cookies Cookbook uses a lot of loops, and at least some of them can be refactored into LINQ queries.

Example

For example, this method:

```csharp
2 references
public List<Recipe> Read(string filePath)
{
    List<string> recipesFromFile = _stringsRepository.Read(filePath);

    var recipes = new List<Recipe>();

    foreach (var recipeFromFile in recipesFromFile)
    {
        var recipe = RecipeFromString(recipeFromFile);
        recipes.Add(recipe);
    }

    return recipes;
}
```

Can be refactored like this using the Select method:

```csharp
2 references
public List<Recipe> Read(string filePath)
{
    return _stringsRepository.Read(filePath)
        .Select(RecipeFromString)
        .ToList();
}
```

You can refactor your own code or the code included in the course. You can either find it in the Git repository or in the attachment to the "**Assignment - Refactoring to LINQ - Description and requirements**" lecture.

After the refactoring, make sure to remember to check if the program still works.