Coding Task: The Kings

Prerequisites

- .NET Core
  - o Guide: https://dotnet.microsoft.com/learn/dotnet/hello-world-tutorial/install

- JetBrains Rider IDE
  - o Optional, but highly recommended

You need to develop a small C#/.NET Core project (e.g. Console App) that will fetch a list of English monarchs from an online data source and produce various statistics about them.

You need make the project self-contained, such that it fetches and processes the list of monarchs in the same process.

You can find the data here:

`https://gist.githubusercontent.com/christianpanton/10d65ccef9f29de3acd49d97ed423`
`736/raw/b09563bc0c4b318132c7a738e679d4f984ef0048/kings`

You need to fetch the data, convert it into a local representation (you could use Json.NET) and answer the following questions (you could use LINQ):

1. How many monarchs are there in the list?

2. Which monarch ruled the longest (and for how long)?

3. Which house ruled the longest (and for how long)?

4. What was the most common first name?

Once complete, please send us the implementation in one C# file, e.g. `Program.cs`

If you have used other dependencies than Json.NET, please let us know.