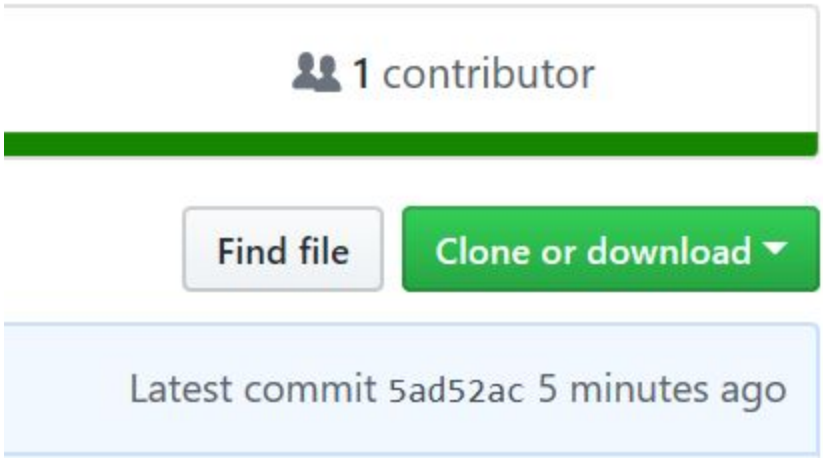
Building and Running Loan Calc App

Prerequisites:

- Internet
- Visual Studio 2017

Browse to
https://github.com/rucoleman/EthosLendingChallenge

Click the green Clone or Download button on the right side of the page near the top:



Select **Download ZIP** when prompted.

Extract the contents of the zip to a reasonable project location on your system.

Open the solution file LoanPaymentCalculator.sln in VS 2017.

There is a dependency on Json.NET which is handled through NuGet.

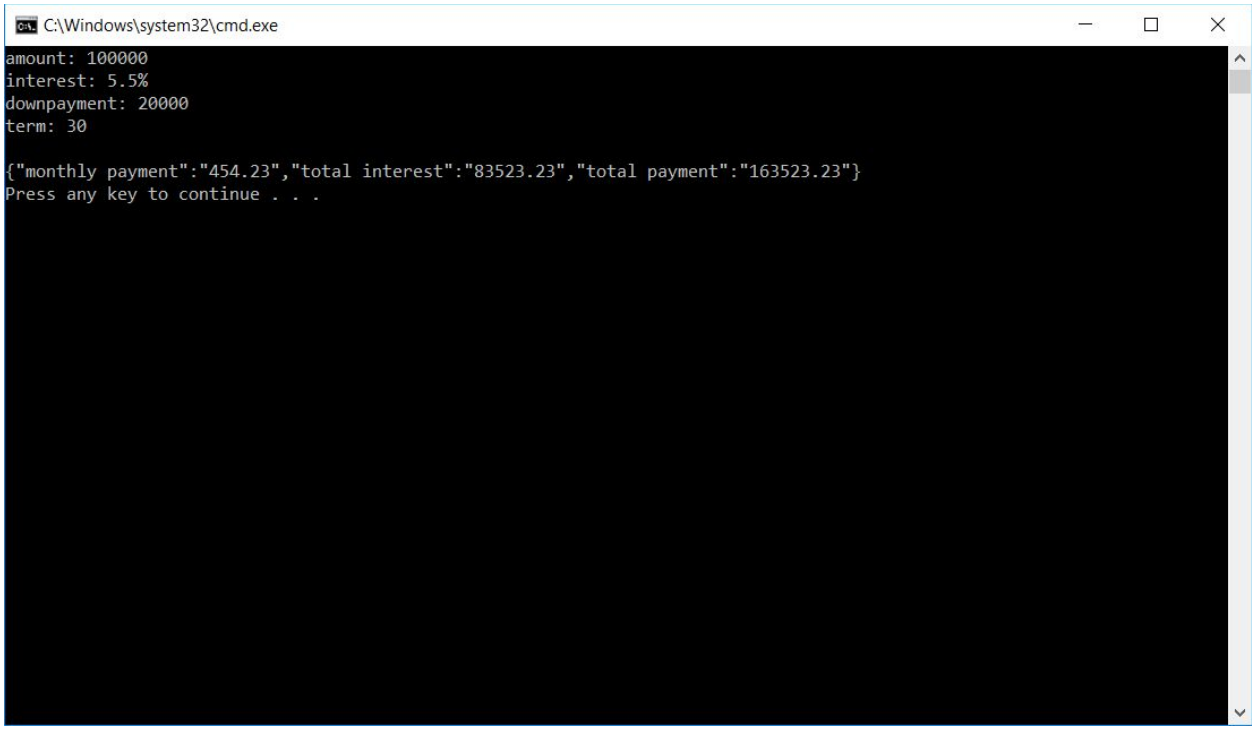
In Solution Explorer, right click on the solution and select **Restore NuGet Packages**.

Build the solution (Build> Build Solution).

One way to run the app:

1. in Solution Explorer right click the LoanPaymentCalculatorApp project and select **Set as Startup Project** from the context menu (this is needed one time only).
2. Launch the app by selecting **Debug> Start without Debugging** from the main menu in Visual Studio.

Enter the input lines as required and the output is printed to the console:



Notes:

1. Regarding the interest input format, the challenge instructions say that the interest can be given as a percentage or a digit. I interpreted this to mean that if the user ended the interest with a percent sign '`%`' the program should of course interpret the input as a percentage. But if the user omitted the trailing percent sign, the program should interpret the input as a decimal rate. For example the input `interest: .055` would be equivalent to the input `interest: 5.5%`.
2. The TestInputFiles folder of the ZIP contains the various inputs I tested with.