Hello Dave,

It was great talking to you earlier today and I am looking forward to seeing what you can do with our Code Challenge.

Everything here can be found with Google and it usually takes people about 4 hours to complete.

Using C#, and in the most efficient way possible, develop an [ASP.NET](http://asp.net/) MVC site that performs the following functions:

1. Takes in a paragraph of indeterminate length and performs the following functions:
   1. Reverse word order: e.g. ‘the brown fox’ becomes ‘fox brown the’
   2. Reverse characters while maintaining word order: e.g. ‘the brown fox’ becomes ‘eht nworb xof’
   3. Alphabetically sort words: e.g. ‘the brown fox’ becomes ‘brown fox the’
   4. Encrypt the paragraph using a salted SHA-384 algorithm.
2. Create an amortization table based on inputs for original loan amount, loan term (in months) and interest rate and return a fully amortized payment schedule showing payment amount, principal paid and balance remaining on a monthly basis.

 The code should exhibit the following characteristics:

1. [ASP.NET](http://asp.net/) MVC best practices
2. Standard Microsoft best practices for naming of classes, methods and variables
3. Client-side input validation and validation error display
4. Proper use of exception handling and site-wide exception handling
5. Proper use of CSS
6. Proper use of Razor page rendering
7. Proper use of class, method and code comments

Once you are complete, please zip the source code up – including the project and solution files – and place it on Dropbox, OneDrive, Google Drive, GitHub, etc.  Our email system will swallow all zip attachments, so we need to utilize a “pull” method.