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| Course Code: | DT230B |

Below are descriptions/notes on the approaches I took in the execution of this assignment.

1. Used github for Source Code Management <https://github.com/johnwarde/sasassignment>  
   git config --global user.name "John Warde"  
   git config --global john.warde@gmail.com  
   git push origin master
2. At the start I used Powershell to create smaller versions of all the file s to reduce the run times in the early stages of getting the data, in the correct format, into the SAS system:   
     
   Get-Content -TotalCount 40 bills.csv | Out-File bills-small.csv  
   Get-Content -TotalCount 40 calls.csv | Out-File calls-small.csv  
   Get-Content -TotalCount 40 callSummaries.csv | Out-File callSummaries-small.csv  
   Get-Content -TotalCount 40 demographics.csv | Out-File demographics-small.csv
3. For all arithmetic division calculation a test was done to check that the divisor was non-zero.