**Sum File Project - Project 1a**

Let us assume that the data set files are saved to ***current working directory*** – and have a naming convention like “data1.text”, “data2.txt” and so on.

Important – make sure everything is in the working directory. To find out what the working directory is – type **getwd().**

We use the **read.table()**  command to be read in the table. The default form of the inputted data is a one column data frame. The only column heading is V1.

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| **SumFile = function(filename="data1"){**  **pickfile = sprintf("%s%s",filename,".txt")**  **Dataset = read.table(pickfile)**  **Answer = sum(dataset$V1)**  **return(Answer)**  **}** |

**SumVector Project - Project 1b**

Default Input vector = numbers from 1 to 10

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| **SumVector = function(inputvector=1:10){**  **Answer = sum(inputvector)**  **return(Answer)**  **}** |