

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.txt”, “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.

```
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

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