**Files – Input and Output to and from files**

Create a text file containing your data using Notepad (or similar) and save with filename **data.txt**



Copy and paste data.txt into your project as shown below.





**Java Source Code**

**import** java.io.\*;

**import** java.util.Scanner;

**public** **class** FileInputOutput {

 **static** **int** *num1*, *num2*, *num3*,*sum*=0;

 **public** **static** **void** main(String[] args) {

 // Reading and writing to text files

 **try**

 {

 Scanner inFile = **new** Scanner(**new** FileInputStream("data.txt"));

 **int** number = 0;

 **while**(inFile.hasNextLine())

 {

 String oneline = inFile.nextLine();

 number = Integer.*parseInt*(oneline);

 System.***out***.println(number);

 *sum* = *sum* + number;

 }

 System.***out***.println("The sum of the numbers is " + *sum*);

 inFile.close();

 }

 **catch**(FileNotFoundException fnfe)

 {

 System.***out***.println("File not found!!");

 }

 **try** {

 PrintWriter outFile = **new** PrintWriter("report.txt");

 outFile.println(*sum*);

 outFile.close();

 } **catch** (FileNotFoundException e) {

 // **TODO** Auto-generated catch block

 e.printStackTrace();

 }

 }

}