

## READING IN INTEGERS, STRINGS AND DOUBLES FROM A DATA FILE

```
package iostrings;

import java.io.*;

public class IOStrings {

    public static void main(String[] args) {

        int thing1=0;           //declare thing1 int
        String thing2 = "";    //declare thing2 string
        Double thing3 = 0.0;   //declare thing3 double

        try

        {

            FileReader file = new FileReader("data.in"); //set up data file
            BufferedReader buffer = new BufferedReader (file);

            thing1 = Integer.parseInt(buffer.readLine()); //read in first line and parse to int
            thing2 = buffer.readLine(); //read in second line and stroe as string
            thing3 = Double.parseDouble(buffer.readLine()); //read in second line and parse to double
            buffer.close(); //close file

        }

        catch(IOException e)

        {

            System.out.println ("Sorry, file not found"); //just in case file isn't found

        }

        System.out.println (thing1); //output values to check
        System.out.println (thing2);
        System.out.println (thing3);

    }

}
```