Creating and Viewing the Data Table

SP4R02d01.sas

1. Duplicate the R data frame from the course notes.

```
data sp4r.example_data;
   length First_Name $ 25 Last_Name $ 25;
   input First_Name $ Last_Name $ age height;
   datalines;
   Jordan Bakerman 27 68
   Bruce Wayne 35 70
   Walter White 51 70
   Henry Hill 65 66
   JeanClaude VanDamme 55 69
   ;
run;
```

   Submit the DATA step to create a data table.

2. Check the log to verify that the data set **sp4r.example_data** was created with five observations and four variables.

```
176  data example_data;
177  length First_Name $ 25 Last_Name $ 25;
178  input First_Name $ Last_Name $ age height;
179  datalines;

NOTE: The data set SP4R.EXAMPLE_DATA has 5 observations and 4 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


185  ;run;
```

3. Navigate to the **SP4R** library and select **Example_data**.

VIEWTABLE: Sp4r.Example_data			
	First_Name	Last_Name	age	height
1	Jordan	Bakerman	27	68
2	Bruce	Wayne	35	70
3	Walter	White	51	70
4	Henry	Hill	65	66
5	JeanClaude	VanDamme	55	69

4. Create an identical data table except enter more than one observation per line.

   🖉 The @@ option at the end of the INPUT statement enables the DATA step to read in more than one observation per line.

```
data sp4r.example_data2;
   length First_Name $ 25 Last_Name $ 25;
   input First_Name $ Last_Name $ age height @@;
   datalines;
   Jordan Bakerman 27 68 Bruce Wayne 35 70 Walter White 51 70
   Henry Hill 65 66 JeanClaude VanDamme 55 69
   ;
run;
```

5. Navigate to the **SP4R** library and select **Example_Data2**.

	First_Name	Last_Name	age	height
1	Jordan	Bakerman	27	68
2	Bruce	Wayne	35	70
3	Walter	White	51	70
4	Henry	Hill	65	66
5	JeanClaude	VanDamme	55	69

VIEWTABLE: Sp4r.Example_data2