

```

/*
=====
Module-7
Assignment
=====
1. Read raw data files with formatted input.
=====
*/

/* SOLUTION */

/* Reading raw text file with formatted input */

libname out '/home/u58427518/sas_submissions/output';
data out.revenue_sasdata_1;

infile '/home/u58427518/sas_submissions/data/raw_data/Revenue2-
1.txt'
dlim = ','
trunccover
;

input City:$13. Type:$9. Route:$8. Fare dollar9.;

proc print data=out.revenue_sasdata_1 noobs;
format Fare dollar9.;
run;

```

## OUTPUT (1-1):

The screenshot shows the SAS Studio web interface. The left sidebar displays the 'Server Files and Folders' tree, with the 'output' folder selected. The main window shows the 'RESULTS' tab for a program named '\*all\_assignments.sas'. Below the 'Table of Contents' header, a data table is displayed with the following columns: City, Type, Route, and Fare.

City	Type	Route	Fare
Frankfurt	Freight	Direct	\$146,493
Frankfurt	Freight	Indirect	\$198,942
Frankfurt	Freight	Other	\$144,685
Frankfurt	Other	Direct	\$111,193
Frankfurt	Other	Indirect	\$12,057
Frankfurt	Other	Other	\$10,717
Frankfurt	Passenger	Direct	\$346,038
Frankfurt	Passenger	Indirect	\$421,999
Frankfurt	Passenger	Other	\$337,599
Frankfurt	Service	Direct	\$444,773
Frankfurt	Service	Indirect	\$58,946
Frankfurt	Service	Other	\$32,152
London	Freight	Direct	\$206,678
London	Freight	Indirect	\$429,463
London	Freight	Other	\$187,890
London	Other	Direct	\$257,027
London	Other	Indirect	\$45,549
London	Other	Other	\$22,775
London	Passenger	Direct	\$374,315
London	Passenger	Indirect	\$719,838
London	Passenger	Other	\$335,924
London	Service	Direct	\$257,027
London	Service	Indirect	\$52,056
London	Service	Other	\$16,268
New York	Freight	Direct	\$263,648
New York	Freight	Indirect	\$353,675
New York	Freight	Other	\$225,066
New York	Other	Direct	\$450,132
New York	Other	Indirect	\$48,228
New York	Other	Other	\$37,511
New York	Passenger	Direct	\$744,995
New York	Passenger	Indirect	\$897,584
New York	Passenger	Other	\$628,309
New York	Service	Direct	\$562,665
New York	Service	Indirect	\$73,682
New York	Service	Other	\$33,492
San Francisco	Freight	Direct	\$209,276

At the bottom of the interface, a status bar shows 'Messages: 17' and 'User: u58427518'.

## OUTPUT (1-2):

The screenshot shows the SAS Studio web interface. On the left is a 'Server Files and Folders' pane with a tree view. The main window displays the 'RESULTS' tab for a file named '\*all\_assignments.sas', showing a 'Table of Contents' with a data table.

**Server Files and Folders:**

- odaws02-apse1
  - Folder Shortcuts
  - Files (Home)
    - Code
    - Copy Of Shared Data
    - my\_shared\_file\_links
      - erchetanchawla0
    - Output
    - sasuser.v94
    - sas\_assignments
    - sas\_submissions
      - code
      - data
        - raw\_data
          - Revenue2-1.txt
        - output
- Tasks and Utilities
- Snippets
- Libraries
- File Shortcuts

**Table of Contents:**

New York	Service	Other	\$33,492	
San Francisco	Freight	Direct	\$209,276	
San Francisco	Freight	Indirect	\$439,223	
San Francisco	Freight	Other	\$51,673	
San Francisco	Other	Direct	\$214,444	
San Francisco	Other	Indirect	\$38,755	
San Francisco	Other	Other	\$5,167	
San Francisco	Passenger	Direct	\$434,055	
San Francisco	Passenger	Indirect	\$868,112	
San Francisco	Passenger	Other	\$217,028	
San Francisco	Service	Direct	\$285,926	
San Francisco	Service	Indirect	\$58,563	
San Francisco	Service	Other	\$0	
Sydney	Freight	Direct	\$873,279	
Sydney	Freight	Indirect	\$212,722	
Sydney	Freight	Other	\$33,588	
Sydney	Other	Direct	\$149,278	
Sydney	Other	Indirect	\$31,722	
Sydney	Other	Other	\$5,598	
Sydney	Passenger	Direct	\$353,789	
Sydney	Passenger	Indirect	\$806,104	
Sydney	Passenger	Other	\$134,351	
Sydney	Service	Direct	\$348,316	
Sydney	Service	Indirect	\$82,725	
Sydney	Service	Other	\$4,354	
Tokyo	Freight	Direct	\$363,627	
Tokyo	Freight	Indirect	\$100,476	
Tokyo	Freight	Other	\$14,354	
Tokyo	Other	Direct	\$149,278	
Tokyo	Other	Indirect	\$36,363	
Tokyo	Other	Other	\$5,741	
Tokyo	Passenger	Direct	\$298,413	
Tokyo	Passenger	Indirect	\$775,100	
Tokyo	Passenger	Other	\$116,265	
Tokyo	Service	Direct	\$186,598	
Tokyo	Service	Indirect	\$50,238	
Tokyo	Service	Other	\$2,392	

Messages: 17 User: u58427518

```
/* Reading raw data with formatted input where input is provided  
via datalines */
```

```
data work.scores;  
infile datalines dsd;
```

```
input Name : $9. Score1-Score3 Team ~ $30. Position $;
```

```
datalines;  
John,12,22,46,"Team Red",First  
Smith,23,19,25,"Team Blue",Second  
Michael,09,17,54,"Team Green",Third  
;
```

```
proc print data=work.scores noobs;  
run;
```

## OUTPUT (2) :

The screenshot displays the SAS Studio web interface. The left sidebar shows the 'Server Files and Folders' tree, with the 'output' folder selected. The main panel shows the 'RESULTS' tab for the file '\*all\_assignments.sas'. Below the 'Table of Contents' header, a data table is displayed.

Name	Score1	Score2	Score3	Team	Position
John	12	22	46	"Team Red"	First
Smith	23	19	25	"Team Blue"	Second
Michael	9	17	54	"Team Green"	Third

At the bottom right of the interface, the status bar indicates 'Messages: 18' and 'User: u58427518'.