

## Program Summary - Program 3

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### Execution Environment

Author: sasdemo  
 File:  
 SAS Platform: Linux LIN X64 2.6.32-696.20.1.el6.x86\_64  
 SAS Host: LOCALHOST  
 SAS Version: 9.04.01M5P09132017  
 SAS Locale: en\_US  
 Submission Time: 10/28/2018, 3:41:07 PM  
 Browser Host: 10.0.2.2  
 User Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/69.0.3497.100 Safari/537.36  
 Application Server: LOCALHOST.LOCALDOMAIN

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### Code: Program 3

```

/*Jonathan Wilson - HW 3 */

data mout;
  /*delimiter for csv files*/
  infile "/folders/myfolders/Homework/HW3/mout.csv" dlm=",";
  input Student Q1-Q150;
run;

data iout;
  infile "/folders/myfolders/Homework/HW3/iout.csv" dlm=",";
  input Student Q Score;
run;

/*Take the sum of each Q in columns Q1-Q150*/
proc print data=mout;
  var Q1-Q150;
  sum Q1-Q150;
run;

/*take the sum of all Q's for Student 63*/
proc print data=iout;
  where Student=63;
  sum Score;
run;
  
```

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### Log: Program 3

Notes (12)

```

1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
72
73      /*Jonathan Wilson - HW 3 */
74
75      data mout;
76      /*delimiter for csv files*/
77      infile "/folders/myfolders/Homework/HW3/mout.csv" dlm=",";
78      input Student Q1-Q150;
79      run;
  
```

NOTE: The infile "/folders/myfolders/Homework/HW3/mout.csv" is:  
 Filename=/folders/myfolders/Homework/HW3/mout.csv,  
 Owner Name=root,Group Name=vboxsf,  
 Access Permission=-rwxrwx---,  
 Last Modified=28Oct2018:14:58:33,  
 File Size (bytes)=15145

NOTE: 50 records were read from the infile "/folders/myfolders/Homework/HW3/mout.csv".  
 The minimum record length was 301.  
 The maximum record length was 302.

NOTE: The data set WORK.MOUT has 50 observations and 151 variables.

NOTE: DATA statement used (Total process time):  
 real time 0.03 seconds  
 cpu time 0.01 seconds

```

80
81      data iout;
82      infile "/folders/myfolders/Homework/HW3/iout.csv" dlm=",";
  
```

```

83      input Student Q Score;
84      run;

```

NOTE: The infile "/folders/myfolders/Homework/HW3/iout.csv" is:  
 Filename=/folders/myfolders/Homework/HW3/iout.csv,  
 Owner Name=root,Group Name=vboxsf,  
 Access Permission=-rwxrwx---,  
 Last Modified=28Oct2018:14:58:33,  
 File Size (bytes)=61350

NOTE: 7500 records were read from the infile "/folders/myfolders/Homework/HW3/iout.csv".  
 The minimum record length was 5.  
 The maximum record length was 8.

NOTE: The data set WORK.IOUT has 7500 observations and 3 variables.

NOTE: DATA statement used (Total process time):  
 real time 0.03 seconds  
 cpu time 0.02 seconds

```

85
86      /*Take the sum of each Q in columns Q1-Q150*/
87      proc print data=mout;
88      var Q1-Q150;
89      sum Q1-Q150;
90      run;

```

NOTE: There were 50 observations read from the data set WORK.MOUT.

NOTE: PROCEDURE PRINT used (Total process time):  
 real time 13.90 seconds  
 cpu time 13.83 seconds

```

91
92      /*take the sum of all Q's for Student 63*/
93      proc print data=iout;
94      where Student=63;
95      sum Score;
96      run;

```

NOTE: There were 150 observations read from the data set WORK.IOUT.

WHERE Student=63;

NOTE: PROCEDURE PRINT used (Total process time):  
 real time 0.55 seconds  
 cpu time 0.56 seconds

```

97
98      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
111

```

## Results: Program 3

Obs	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35
1	0	1	0	1	1	1	1	1	1	0	0	1	0	1	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0
2	0	1	0	1	1	0	1	1	1	0	1	1	1	0	1	0	1	0	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1
3	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	0	
4	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1
5	0	0	0	1	1	1	1	0	1	0	0	0	1	1	0	1	1	0	0	1	1	1	1	0	1	0	0	1	0	1	0	1	1	1	0
6	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	0	0	1	0	1	0	1	0	1	0	0	1	0	1	1	0	0	
7	1	0	1	1	1	0	1	1	1	0	1	1	0	1	1	0	0	1	0	1	1	1	1	1	1	0	0	0	1	0	0	1	1	1	
8	0	1	0	1	1	1	0	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1
9	0	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	1	0	1	0	1	1	1	1	0	1	1	0	1	
10	0	0	0	1	1	1	1	1	1	0	0	1	0	1	1	1	0	0	1	1	0	1	0	1	0	1	1	0	0	0	1	1	0	1	
11	1	0	1	1	1	1	0	1	1	1	0	1	1	0	0	0	1	1	0	1	0	1	0	1	0	1	0	1	1	0	1	1	0	1	
12	0	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	1	0	0	1	1	1	1	0	0	0	0	1	1	0	1	1	1	1	
13	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	
14	0	1	0	1	0	1	1	1	1	0	0	1	0	1	1	0	1	1	0	1	0	1	0	1	0	1	0	1	1	0	1	1	0	1	1
15	0	0	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	0	1	0	1	0	1	1	1	1	1	0	0	
16	0	0	1	1	0	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	0	1	1	0	0	1	1	0	1	1	1	0	
17	0	1	1	1	1	0	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1	1	1	1	0	
18	0	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1	0	0	
19	1	1	0	1	1	1	1	0	1	0	0	1	0	0	1	1	0	0	1	1	1	1	1	0	1	1	1	1	1	0	1	1	0	0	
20	0	1	1	1	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	
21	0	1	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0	1	0	1	1	0	0	1	1	0	
22	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	
23	0	1	0	1	1	0	0	1	1	1	0	0	1	0	1	1	1	0	0	1	1	1	1	1	0	0	1	0	1	0	1	1	1	1	0
24	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	1	1	0	0	1	1	1	1	0	0	1	0	1	1	1	1	0	1	
25	0	1	0	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	
26	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	
27	0	1	0	0	1	1	0	1	1	0	0	0	1	1	0	0	1	0	0	0	1	1	0	1	0	1	1	1	1	0	1	1	1	0	
28	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	
29	0	1	0	1	1	0	1	1	1	0	1	1	1	1	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0	1	1	1	0	0	
30	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	0	1	0	1	1	1	0	1	1	1	1

Obs	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	Q23	Q24	Q25	Q26	Q27	Q28	Q29	Q30	Q31	Q32	Q33	Q34	Q35
31	0	1	1	1	1	1	1	1	1	0	0	0	1	0	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	
32	0	1	0	1	1	1	0	1	1	0	0	1	1	0	1	0	1	0	0	1	1	1	0	1	0	1	0	1	0	0	1	0	1	0	
33	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	0	1	0	1	0	1	1	0	1	1	1	
34	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	0	1	0	0	1	0	1	0	1	1	1	0
35	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	
36	0	1	0	1	0	1	0	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	
37	0	1	0	1	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	
38	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	0	1
39	0	1	0	1	0	0	1	0	1	1	0	0	0	0	1	0	1	1	0	1	0	1	0	1	0	1	0	0	0	0	0	0	1	1	1
40	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	0	1	
41	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	
42	0	1	0	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	0	1	1	1	1	0	1	0	1	0	1	1	0	1	1	1	
43	0	0	0	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1	0	1	1	1	0	1	0	1	0	0	0	0	1	0	0	0	
44	0	1	1	1	0	1	1	1	1	0	0	1	0	1	1	1	1	0	1	0	1	1	0	1	1	0	1	0	0	1	1	1	0	1	
45	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	0	0	
46	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	
47	0	1	1	0	1	0	0	1	1	0	0	1	1	0	1	0	1	1	0	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	
48	0	1	1	1	0	0	1	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	0	1	0	1	1	0	0	0	0	1	1	1	
49	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	1	1	0	1	1	0	1	
50	0	1	1	1	1	0	1	1	1	0	0	1	1	1	1	0	0	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	1	0	
	8	38	21	47	42	35	39	44	50	25	15	33	38	33	33	23	41	26	14	44	37	49	16	48	18	39	38	28	40	14	47	47	27	27	

Obs	Student	Q	Score
32	63	1	0
82	63	2	1
132	63	3	0
182	63	4	1
232	63	5	1
282	63	6	1
332	63	7	0
382	63	8	1
432	63	9	1
482	63	10	0
532	63	11	0
582	63	12	1
632	63	13	1
682	63	14	0
732	63	15	1
782	63	16	0
832	63	17	1
882	63	18	0
932	63	19	0
982	63	20	1
1032	63	21	1
1082	63	22	1
1132	63	23	0
1182	63	24	1
1232	63	25	0
1282	63	26	1
1332	63	27	0
1382	63	28	1
1432	63	29	0
1482	63	30	0
1532	63	31	1
1582	63	32	0
1632	63	33	1
1682	63	34	0
1732	63	35	0
1782	63	36	0
1832	63	37	1
1882	63	38	1
1932	63	39	1
1982	63	40	1
2032	63	41	1
2082	63	42	0
2132	63	43	0
2182	63	44	0
2232	63	45	1
2282	63	46	1
2332	63	47	1
2382	63	48	1
2432	63	49	1
2482	63	50	0
2532	63	51	1
2582	63	52	1
2632	63	53	1
2682	63	54	1
2732	63	55	0

Obs	Student	Q	Score
2782	63	56	0
2832	63	57	0
2882	63	58	1
2932	63	59	1
2982	63	60	1
3032	63	61	1
3082	63	62	1
3132	63	63	0
3182	63	64	1
3232	63	65	1
3282	63	66	1
3332	63	67	1
3382	63	68	1
3432	63	69	1
3482	63	70	1
3532	63	71	1
3582	63	72	1
3632	63	73	0
3682	63	74	0
3732	63	75	1
3782	63	76	0
3832	63	77	0
3882	63	78	0
3932	63	79	1
3982	63	80	1
4032	63	81	1
4082	63	82	1
4132	63	83	1
4182	63	84	1
4232	63	85	1
4282	63	86	1
4332	63	87	1
4382	63	88	1
4432	63	89	1
4482	63	90	0
4532	63	91	1
4582	63	92	1
4632	63	93	1
4682	63	94	0
4732	63	95	1
4782	63	96	1
4832	63	97	0
4882	63	98	0
4932	63	99	0
4982	63	100	1
5032	63	101	1
5082	63	102	1
5132	63	103	1
5182	63	104	0
5232	63	105	1
5282	63	106	0
5332	63	107	0
5382	63	108	1
5432	63	109	1
5482	63	110	0
5532	63	111	1
5582	63	112	1
5632	63	113	1
5682	63	114	0
5732	63	115	1
5782	63	116	1
5832	63	117	1
5882	63	118	1
5932	63	119	0
5982	63	120	1
6032	63	121	0
6082	63	122	1
6132	63	123	1
6182	63	124	1
6232	63	125	0
6282	63	126	0
6332	63	127	1
6382	63	128	0
6432	63	129	1
6482	63	130	1
6532	63	131	0
6582	63	132	1
6632	63	133	1
6682	63	134	1
6732	63	135	1

Obs	Student	Q	Score
6782	63	136	1
6832	63	137	1
6882	63	138	0
6932	63	139	0
6982	63	140	0
7032	63	141	0
7082	63	142	1
7132	63	143	1
7182	63	144	1
7232	63	145	1
7282	63	146	1
7332	63	147	1
7382	63	148	0
7432	63	149	1
7482	63	150	0
			97