```
T-TEST GROUPS=gender(1 2)
  /MISSING=ANALYSIS
  /VARIABLES=age
  /CRITERIA=CI(.9500).
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\SPSS_Practice2_Data.sav
```

Group Statistics

	gender	N	Mean	Std. Deviation	Std. Error Mean
age	male	23	43.22	10.842	2.261
	female	22	47.73	12.487	2.662

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
age	Equal variances assumed	.647	.426	-1.295	43	.202
	Equal variances not assumed			-1.291	41.571	.204

Independent Samples Test

		t-test for Equality of Means			
				95% Confidence Interval of the Difference	
		Mean Difference	Std. Error Difference	Lower	Upper
age	Equal variances assumed	-4.510	3.481	-11.531	2.511
	Equal variances not assumed	-4.510	3.493	-11.560	2.541

```
USE ALL.
COMPUTE filter_$=(condition = 2).
VARIABLE LABEL filter_$ 'condition = 2 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
T-TEST PAIRS=jobperf1 WITH jobperf2 (PAIRED)
  /CRITERIA=CI(.9500)
```

```
  /MISSING=ANALYSIS.
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\SPSS_Practice2_Data.sav
```

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	jobperf1	5.47	15	.834	.215
	jobperf2	7.87	15	.915	.236

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	jobperf1 & jobperf2	15	.181	.519

Paired Samples Test

		Paired Differences					
					95% Confidence Interval of the Difference		
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t
Pair 1	jobperf1 - jobperf2	-2.400	1.121	.289	-3.021	-1.779	-8.290

Paired Samples Test

		Paired Differences	
		df	Sig. (2-tailed)
Pair 1	jobperf1 - jobperf2	14	.000

```
USE ALL.
COMPUTE filter_$=(condition = 3).
VARIABLE LABEL filter_$ 'condition = 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
T-TEST PAIRS=jobperf1 WITH jobperf2 (PAIRED)
  /CRITERIA=CI(.9500)
  /MISSING=ANALYSIS.
```

T-Test

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\SPSS_Practice2_Data.sav

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	jobperf1	5.87	15	1.125	.291
	jobperf2	8.33	15	1.047	.270

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	jobperf1 & jobperf2	15	-.020	.943

Paired Samples Test

		Paired Differences					
					95% Confidence Interval of the Difference		
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper	t
Pair 1	jobperf1 - jobperf2	-2.467	1.552	.401	-3.326	-1.607	-6.154

Paired Samples Test

		Paired Differences	
		df	Sig. (2-tailed)
Pair 1	jobperf1 - jobperf2	14	.000

```
FILTER OFF.
USE ALL.
EXECUTE.
RECODE condition (1=0) (2=0) (3=1) INTO newtrain.
EXECUTE.
T-TEST GROUPS=newtrain(0 1)
  /MISSING=ANALYSIS
  /VARIABLES=jobperf2
  /CRITERIA=CI(.9500).
```

T-Test

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\SPSS_Practice2_Data.sav

Group Statistics

	newtrain	N	Mean	Std. Deviation	Std. Error Mean
jobperf2	no	30	6.67	1.647	.301
	yes	15	8.33	1.047	.270

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
jobperf2	Equal variances assumed	4.078	.050	-3.565	43	.001
	Equal variances not assumed			-4.123	40.305	.000

Independent Samples Test

		t-test for Equality of Means			
				95% Confidence Interval of the Difference	
		Mean Difference	Std. Error Difference	Lower	Upper
jobperf2	Equal variances assumed	-1.667	.468	-2.610	-.724
	Equal variances not assumed	-1.667	.404	-2.484	-.850

```
USE ALL.
COMPUTE filter_$=(newtrain = 1).
VARIABLE LABEL filter_$ 'newtrain = 1 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMAT filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
T-TEST
  /TESTVAL=10
  /MISSING=ANALYSIS
  /VARIABLES=jobsatisfaction
  /CRITERIA=CI(.9000).
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\SPSS_Practice2_Data.sav
```

One-Sample Statistics

	N	Mean	Std. Deviation	Std. Error Mean
jobsatisfaction	15	14.93	3.058	.790

```
FILTER OFF.
USE ALL.
```

```
EXECUTE.
COMPUTE perfchange=jobperf1 - jobperf2.
EXECUTE.
T-TEST GROUPS=newtrain(0 1)
  /MISSING=ANALYSIS
  /VARIABLES=perfchange
  /CRITERIA=CI(.9500).
```

T-Test

```
[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\outp
ut practice for spss2\SPSS_Practice2_Data.sav
```

Group Statistics

	newtrain	N	Mean	Std. Deviation	Std. Error Mean
perfchange	no	30	-1.4667	1.33218	.24322
	yes	15	-2.4667	1.55226	.40079

Independent Samples Test

		Levene's Test for Equality of Variances		t-test for Equality of Means		
		F	Sig.	t	df	Sig. (2-tailed)
perfchange	Equal variances assumed	.032	.858	2.247	43	.030
	Equal variances not assumed			2.133	24.600	.043

Independent Samples Test

		t-test for Equality of Means			
		Mean Difference	Std. Error Difference	95% Confidence Interval of the Difference	
				Lower	Upper
perfchange	Equal variances assumed	1.00000	.44513	.10231	1.89769
	Equal variances not assumed	1.00000	.46882	.03365	1.96635

```
GRAPH
  /BAR(SIMPLE)=MEAN(perfchange) BY condition
  /INTERVAL SE(2.0).
```

Graph

[DataSet1] C:\Documents and Settings\myersb\Desktop\fall2010 spss exams and practice\output practice for spss2\SPSS_Practice2_Data.sav