Diet	Wtloss
A	3.709
A	7.087
A	6.754
A	8.994
A	9.077
A	6.413
A	5.877
A	2.572
A	7.520
A	6.881
A	7.265
A	3.477
A	3.755
A	8.760
A	7.032
A	9.052
A	10.062
A	4.840
A	6.449
A	9.019
A	-1.715
A	4.718
A	4.007
A	7.241
A	2.128
A	6.968
A	4.853
A	0.055
A	2.680
A	3.746
A	7.033
A	5.033
A	5.569
A	6.712
A	3.663
A	2.741

Diet A	n	50
	Mean	5.341
	SD	2.536

Diet B	n	50
	Mean	3.710
	SD	2.769

F-Test Two-Sample for Variances

	Variable 1	Variable 2
Mean	5.3412	3.70996
Variance	6.429280612	7.66759359
Observations	50	50
df	49	49
F	0.838500442	
P(F<=f) one-tail	0.269951478	
F Critical one-tail	0.622165468	

p	0.539902956

t-Test: Two-Sample Assuming Equal Variances

	Variable 1	Variable 2
Mean	5.3412	3.70996
Variance	6.429280612	7.66759359
Observations	50	50
Pooled Variance	7.048437101	
Hypothesized Mean Difference	0	
df	98	
t Stat	3.072143179	
P(T<=t) one-tail	0.001375772	
t Critical one-tail	1.660551217	
P(T<=t) two-tail	0.002751544	
t Critical two-tail	1.984467455	

Difference in Means	1.63124