Sex	Income
M	40,6
M	54,6
M	38,6
M	58,2
M	34,6
M	42,9
M	67,5
M	79,8
M	54,4
M	47,3
M	66,4
M	69,0
M	62,0
M	52,5
M	72,6
M	52,4
M	59,5
M	59,1
M	36,7
M	54,6
M	52,1
M	49,9
M	52,0
M	47,1
M	40,8
M	36,5
M	57,1
M	54,1
M	32,4
M	34,9
M	64,1
M	54,0
M	51,5
M	50,8
M	45,1

M	81,5
M	70,4
M	39,2
M	45,2
M	80,9
M	48,6
M	31,0
M	32,1
M	33,9
M	31,3
M	51,0
M	53,4
M	58,3
M	31,4
M	56,3
M	41,0
M	47,9
M	51,4
M	33,1
M	74,9
M	77,2
M	57,9
M	80,1
M	40,2
M	100,9
F	33,1
F	35,8
F	68,8
F	31,6
F	38,2
F	42,0
F	33,4
F	50,3
F	39,6
F	30,7
F	31,3

F	61,3
F	30,0
F	38,1
F	56,4
F	35,7
F	31,3
F	40,4
F	32,1
F	66,4
F	36,9
F	35,9
F	49,6
F	62,8
F	44,6
F	32,5
F	33,4
F	55,3
F	62,7
F	54,4
F	30,8
F	49,1
F	41,9
F	32,5
F	35,2
F	47,4
F	60,7
F	33,0
F	43,3
F	34,8
F	36,0
F	51,6
F	31,9
F	34,1
F	78,4
F	30,4
F	45,3

F	52,6
F	30,3
F	36,6
F	53,1
F	36,5
F	37,8
F	34,0
F	69,3
F	77,2
F	32,6
F	82,9
F	42,3
F	57,8

F-Test Two-Sample for Variances:

F-test

Alpha		0,05	
	Variable 1		**Variable 2**
Mean		52,91333333	44,23333333
Variance		233,1289718	190,1758192
Observations		60	60
df		59	59
F		1,225860221	
P (F<=f) right-tail		0,218246242	
F Critical right-tail		1,539956607	
P (F<=f) left-tail		0,781753758	
F Critical left-tail		0,649368947	
P two-tail		0,436492484	
F Critical two-tail		0,597324477	1,674131965

Sample variance of Male and Female:	Male = 233.129	Female = 190.176
F-Test statistic:	F = 1.226	df = 59

Two tailed p-value:	P = 0.436
Result:	The observed F ratio is not significant
Conclusion:	A t-Test must be proceeded

t-Test to asume Two-Sample equal Variances:

Paired t-test

Alpha		0,05	
Hypothesised Mean Difference		0	
	Variable 1		**Variable 2**
Mean		52,91333333	44,23333333
Variance		233,1289718	190,1758192
Observations		60	60
Pearson Correlation		0,248946638	
Observed Mean Difference		8,68	
Variance of the Differences		318,4684068	
df		59	
t Stat		3,76757731	
P (T<=t) one-tail		0,000191424	
t Critical one-tail		1,671093033	
P (T<=t) two-tail		0,000382847	
t Critical two-tail		2,000995361	

t-Test statistic:	t = 3.768	df = 118
Two tailed p-value:	P = 0.0004	
Mean different:	52.913 – 44.233 = 8.68	
Result:	The observed t is significant at 1% level	
Conclusion:	The mean income for males exceed that of females	