This example illustrates a few functions.

Numbers:

2
4
6
8
10
12
14
16
18
20

Try changing the numbers in A5 through A15,
then check the formulii in C5 through C8.

This example illustrates conditional evaluation
using the IF function. Try changing the numbers in
cells A27 and A28. Can you figure out what is
happening to A30, when you do that? Look at A30 to
see how it was done.

22
44

44

This example calculates the internal rate of return of a ten-year
investment.

$1000.00 investment amount
$250.00 annual payout

21.41% internal rate of return

Income Stream:

-$1000.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00

This example calculates the present value of a ten-year income stream.

$250.00	annual income
10.0%	interest rate
$1,536.14	present value

Income Stream:

$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00

This example calculates the present value of a ten-year investment.

$1000.00	investment amount
$250.00	annual payout
10.0%	interest rate
$487.40	present value

Income Stream:

-$1000.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00
$250.00

$250.00
$250.00

This example illustrates a table lookup function.

Income:	25000
Rate:	10%

Tax Rate Table

Income	Rate
$0.00	0%
$10000.00	5%
$20000.00	10%
$30000.00	15%
$40000.00	20%
$50000.00	25%
$60000.00	30%
$70000.00	35%
$80000.00	40%
$90000.00	45%
$100000.00	50%

This function is more complex. Try changing the "sex" in
F145 and see what happens to the average "amount."

NAME
John Press
Roberto Lastrico
Natalia Lastrico
Samantha Press
Carla Lastrico
Thomas Lasorda
Evelyn Ashford
Mary Decker
Carl Lewis
Edwin Moses
William Banks

average

Functions:

110	total
11	average
2	smallest
5.74456264653803	standard deviation

SEX	AMOUNT	SEX
m	12	m
m	22	
f	30	
f	100	
f	200	
m	12	
f	300	
f	400	
m	21	
m	18	
m	11	
	#DIV/0!	