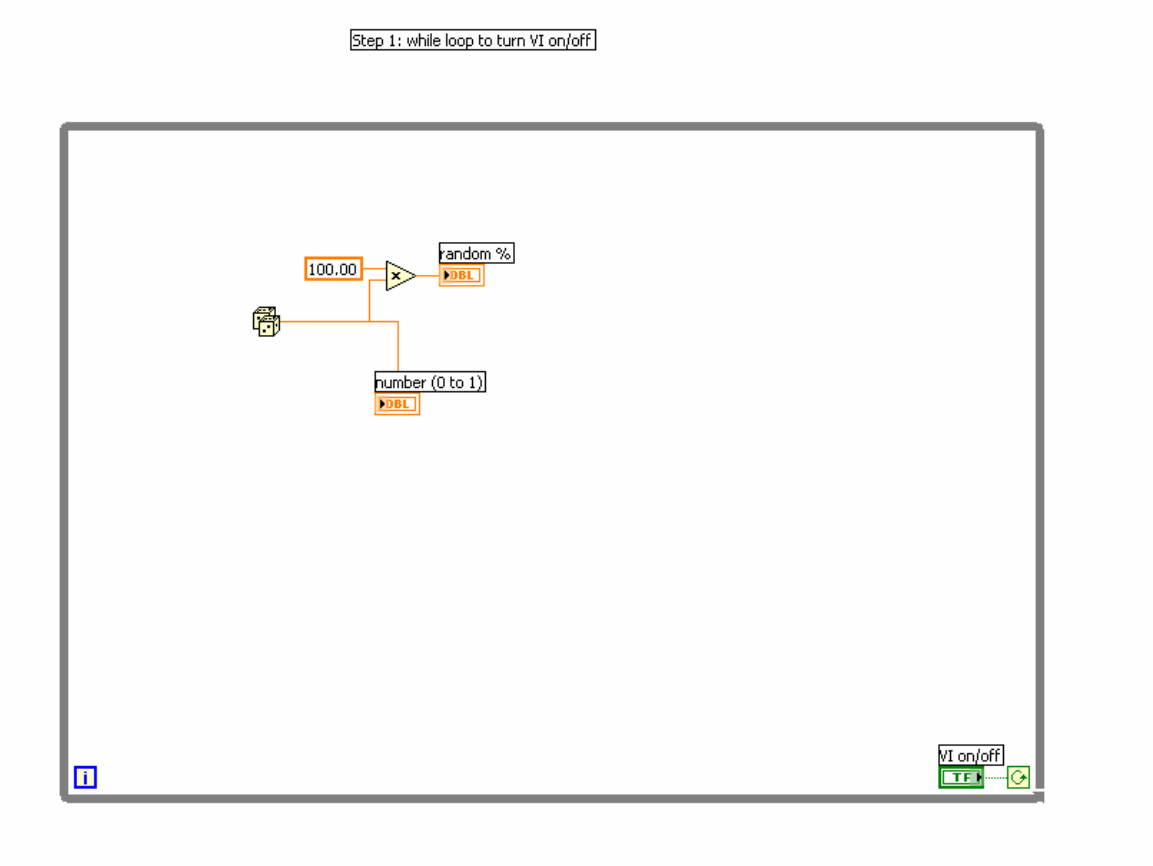
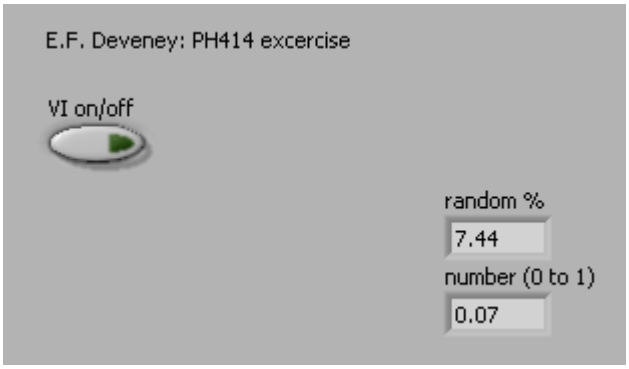
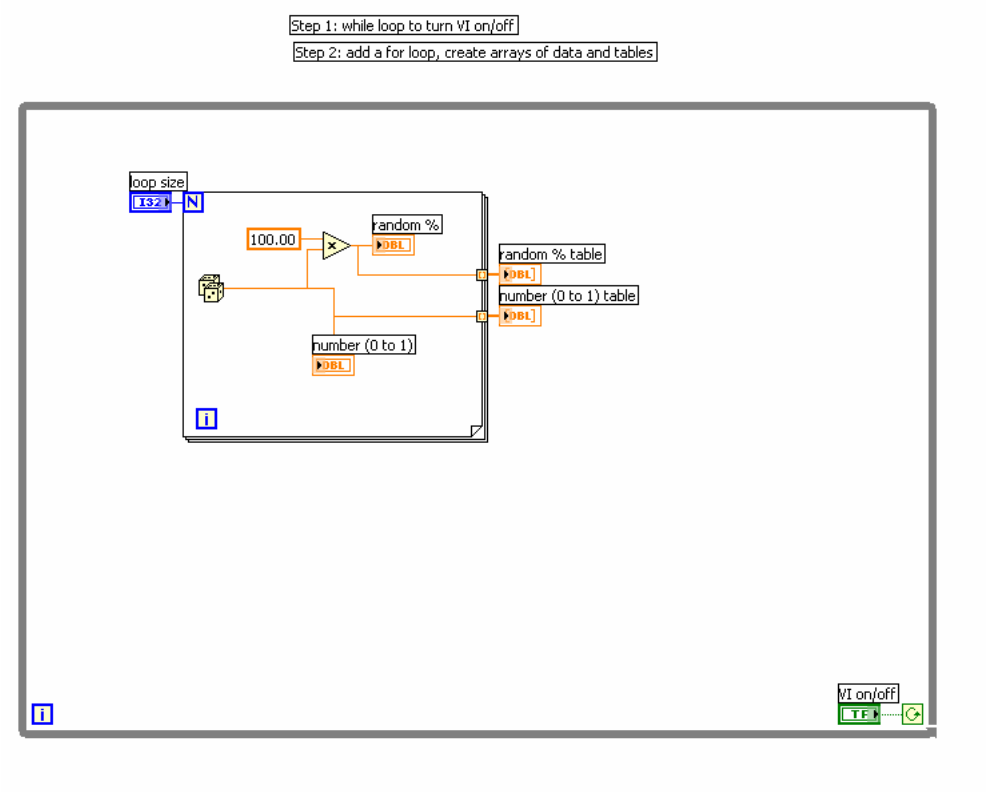
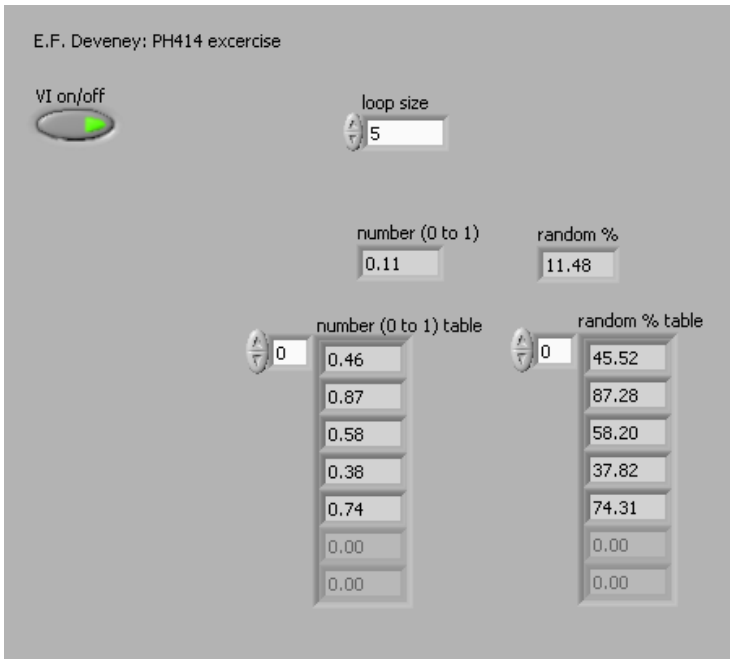
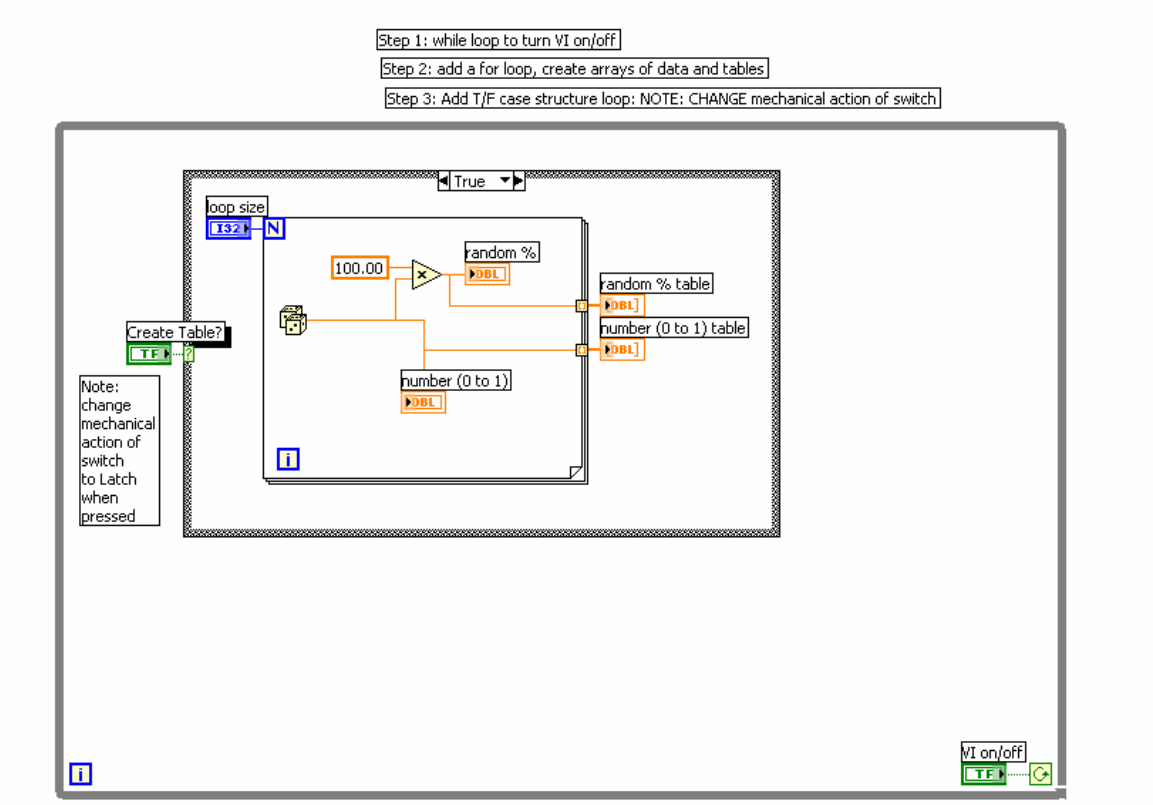
E.F. Deveney
PH414
LabView exercises w/class

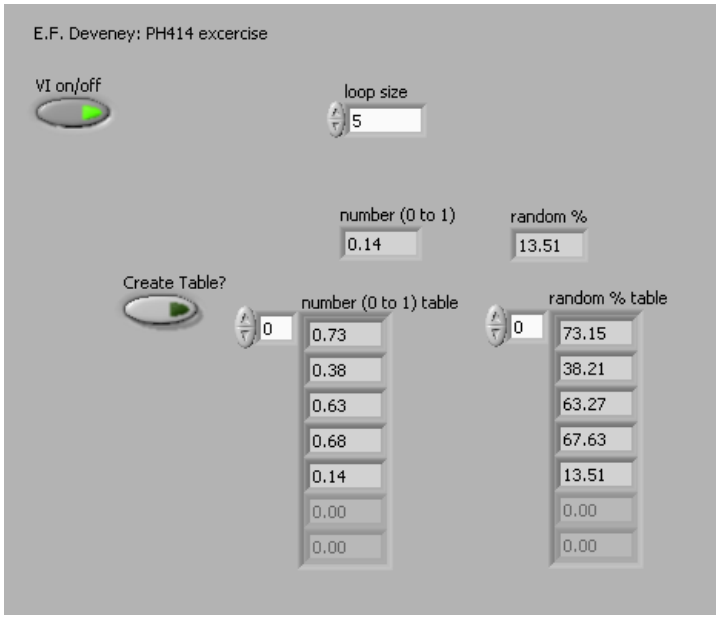


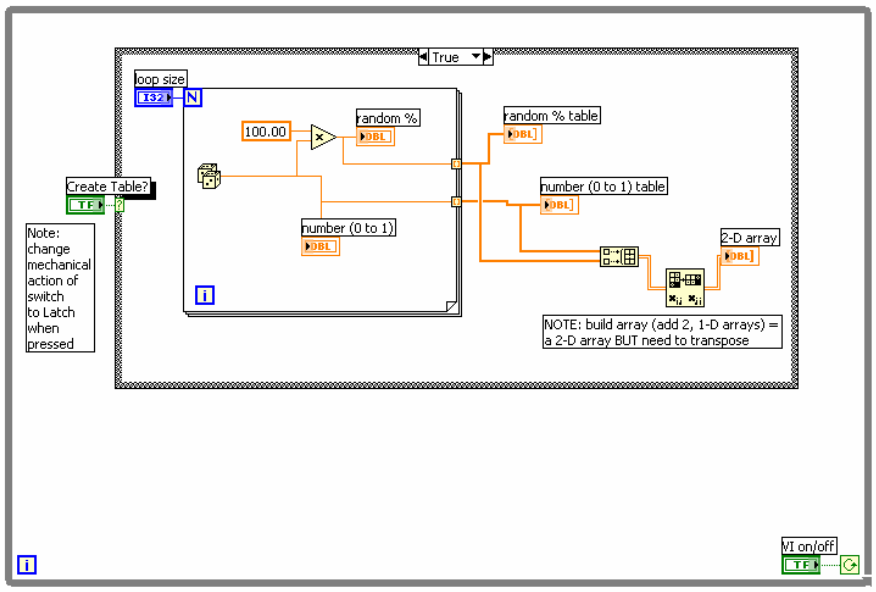



Step 1: while loop to turn VI on/off
Step 2: add a for loop, create arrays of data and tables
loop size
I32
N
100.00
random %
DBL
random % table
number (0 to 1) table
number (0 to 1)
i
VI on/off
TF


E.F. Deveney: PH414 excercise
VI on/off
loop size
5
number (0 to 1)
0.11
random %
11.48
number (0 to 1) table
0
0.46
0.87
0.58
0.38
0.74
0.00
0.00
random % table
0
45.52
87.28
58.20
37.82
74.31
0.00
0.00


Step 1: while loop to turn VI on/off
Step 2: add a for loop, create arrays of data and tables
Step 3: Add T/F case structure loop: NOTE: CHANGE mechanical action of switch
True
loop size
I32
N
100.00
random %
DBL
random % table
number (0 to 1) table
number (0 to 1)
Create Table?
TF
Note: change mechanical action of switch to Latch when pressed
i
VI on/off


E.F. Deveney: PH414 excercise
VI on/off
loop size
5
number (0 to 1)
0.14
random %
13.51
Create Table?
number (0 to 1) table
0
0.73
0.38
0.63
0.68
0.14
0.00
0.00
random % table
0
73.15
38.21
63.27
67.63
13.51
0.00
0.00

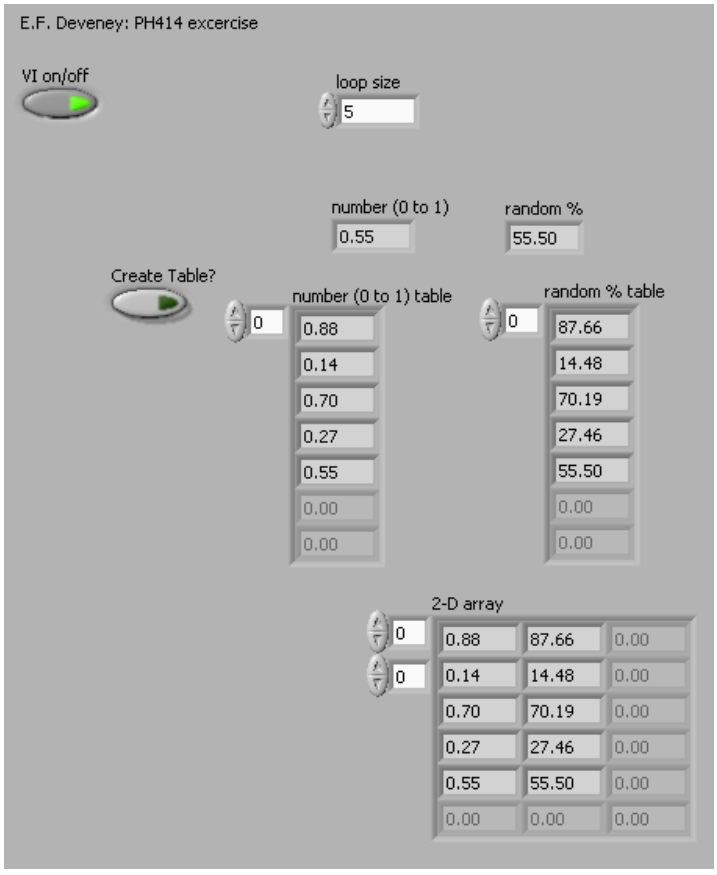


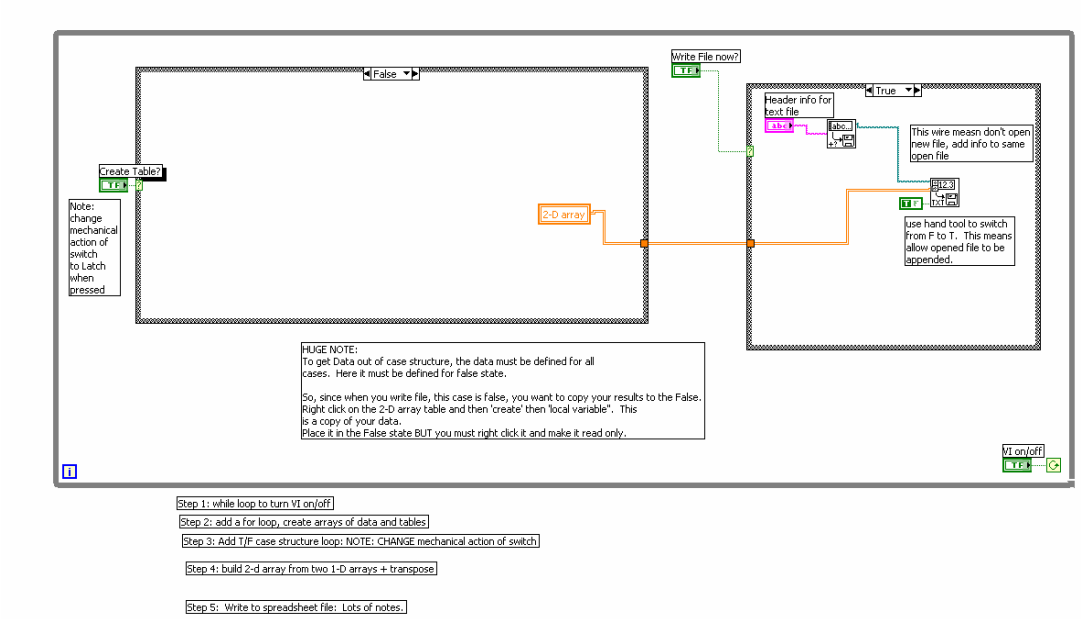
Step 1: while loop to turn VI on/off

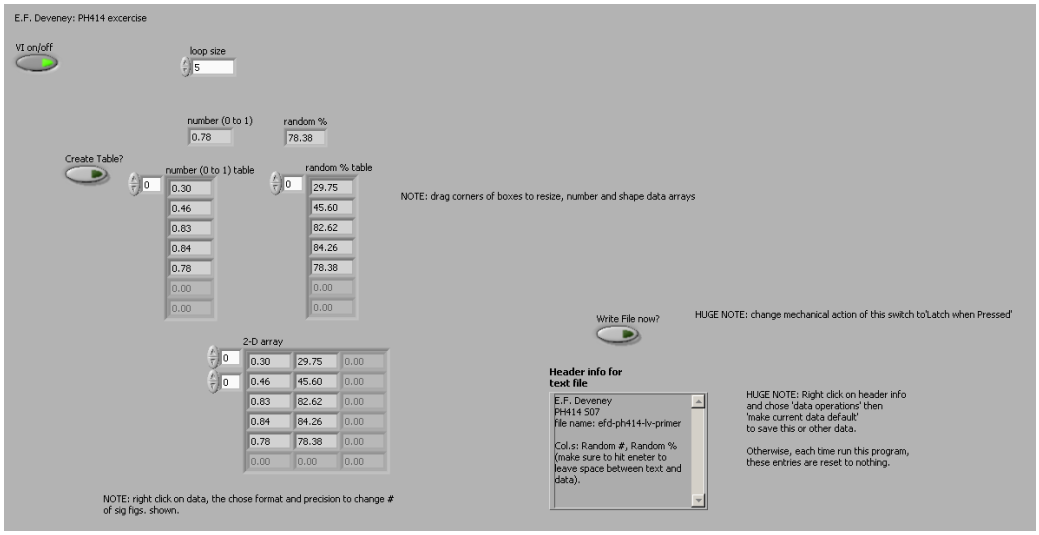
Step 2: add a for loop, create arrays of data and tables

Step 3: Add T/F case structure loop: NOTE: CHANGE mechanical action of switch

Step 4: build 2-d array from two 1-D arrays + transpose







Microsoft Excel - test

File Edit View Insert Format Tools Data Window Help

Arial 10

B16

	A	B	C	D	E	F
1	E.F. Deveney					
2	PH414 S07					
3	file name: efd-ph414-lv-primer					
4						
5	Col.s: Random #, Random %					
6	(make sure to hit eneter to leave space between text and data).					
7	0.298	29.752				
8	0.456	45.603				
9	0.826	82.624				
10	0.843	84.256				
11	0.784	78.383				
12						

Step 1: while loop to turn VI on/off

Step 2: add a for loop, create arrays of data and tables

Step 3: Add T/F case structure loop: NOTE: CHANGE mechanical action of switch

Step 4: build 2-d array from two 1-D arrays + transpose

Step 5: Write to spreadsheet file: Lots of notes.

Step 6: Numbered Case Structure