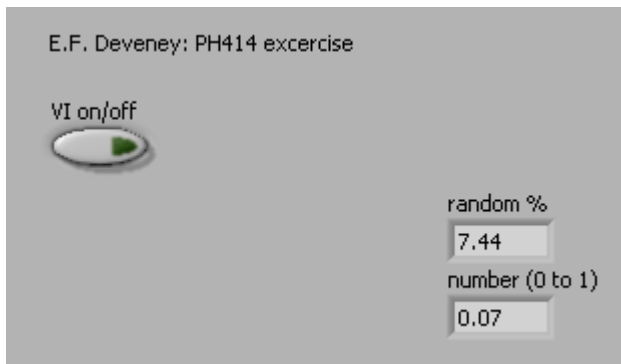
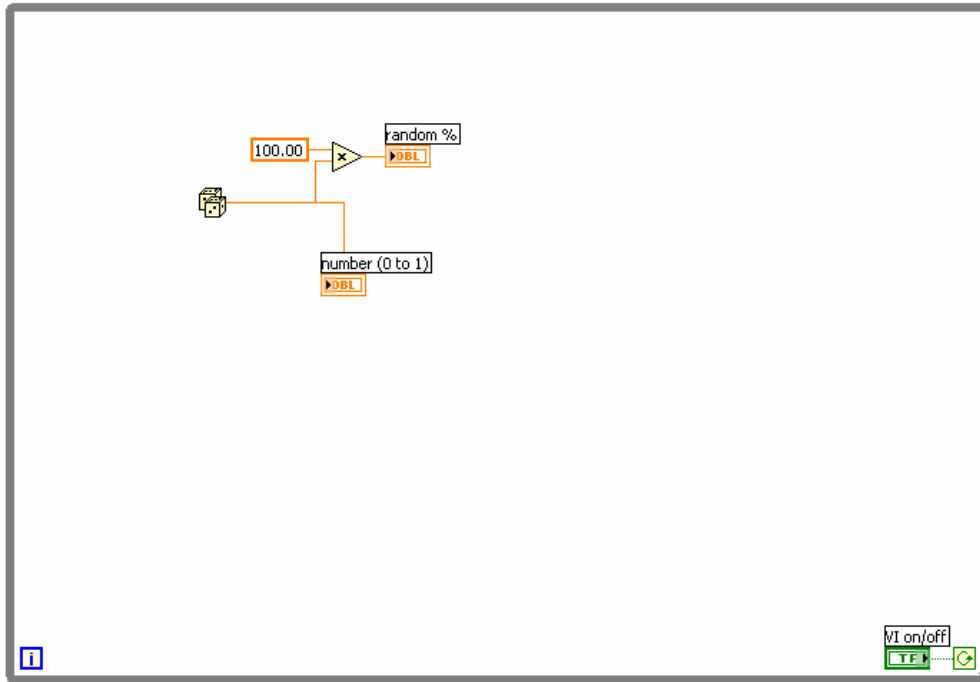


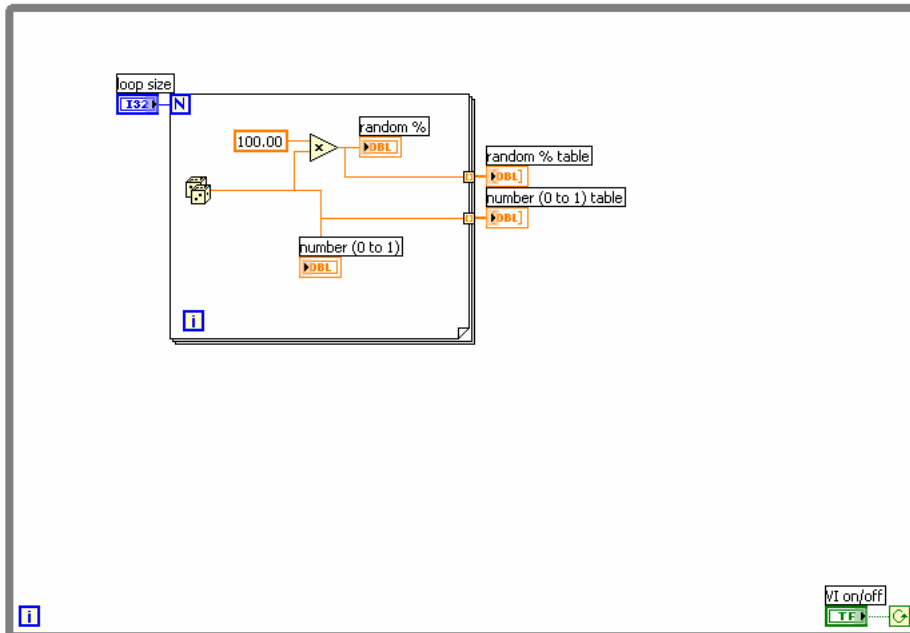
E.F. Deveney  
PH414  
LabView exercises w/class

Step 1: while loop to turn VI on/off



Step 1: while loop to turn VI on/off

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



E.F. Deveney: PH414 exercise

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

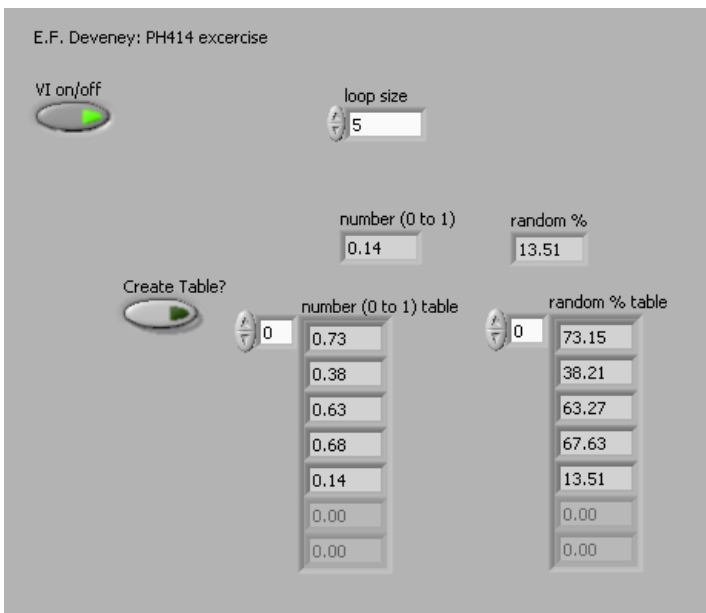
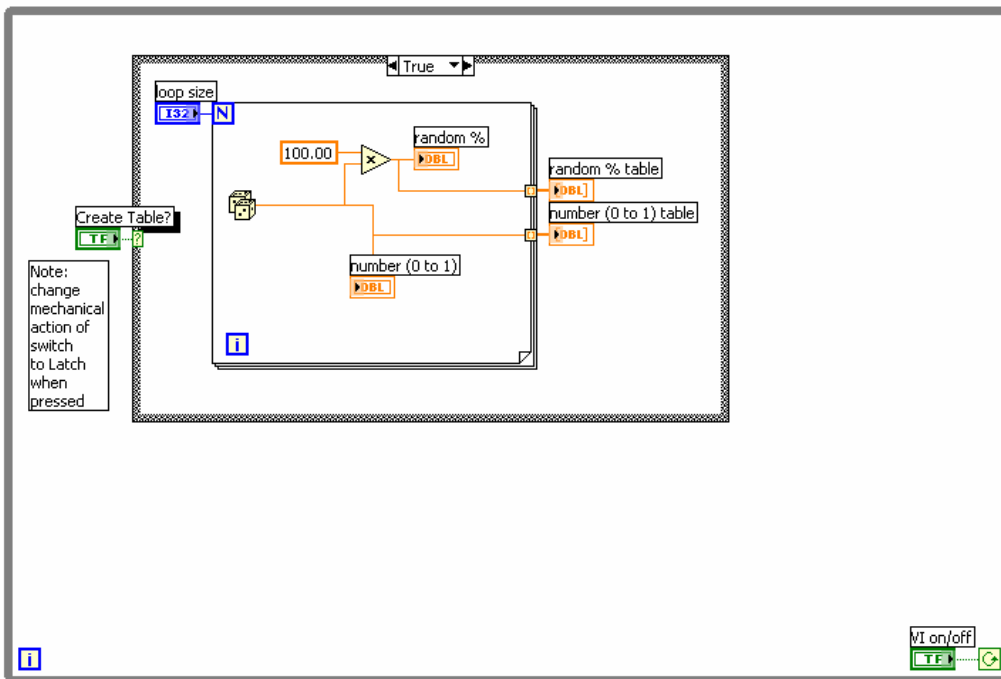
random % table 0

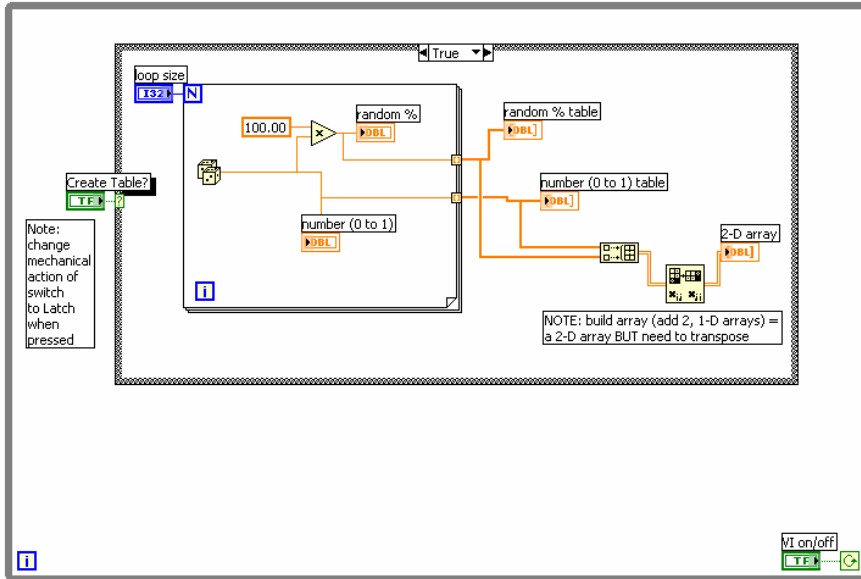
45.52
87.28
58.20
37.82
74.31
0.00
0.00

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





- 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

E.F. Deveney: PH414 exercise

VI on/off:

loop size: 5

number (0 to 1): 0.55

random %: 55.50

Create Table?:

number (0 to 1) table:

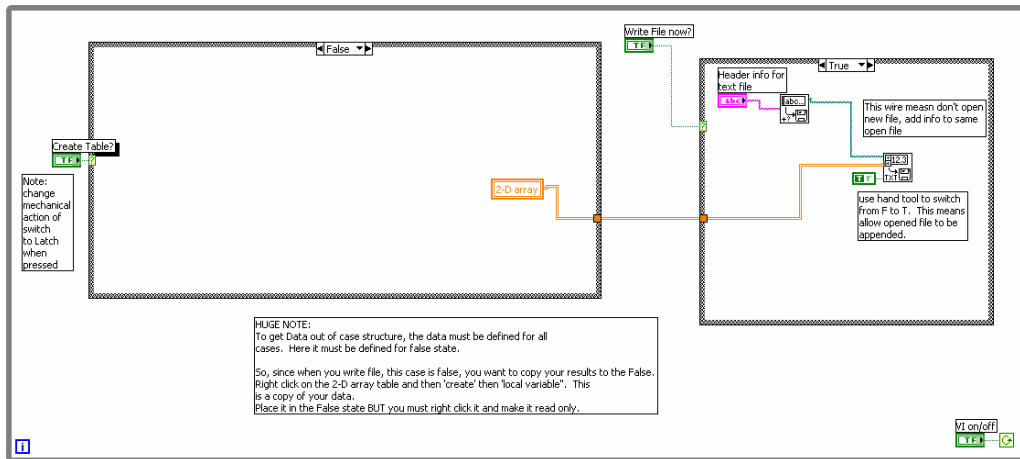
0.88
0.14
0.70
0.27
0.55
0.00
0.00

random % table:

87.66
14.48
70.19
27.46
55.50
0.00
0.00

2-D array:

0	0.88	87.66	0.00
0	0.14	14.48	0.00
	0.70	70.19	0.00
	0.27	27.46	0.00
	0.55	55.50	0.00
	0.00	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
- Step 5: Write to spreadsheet file: Lots of notes.

E.F. Deveney: PH414 exercise

VI on/off

loop size: 5

number (0 to 1): 0.78      random %: 78.38

Create Table?

number (0 to 1) table	random % table
0.30	29.75
0.46	45.60
0.83	82.62
0.84	84.26
0.78	78.38
0.00	0.00
0.00	0.00

NOTE: drag corners of boxes to resize, number and shape data arrays

2-D array

0	0.30	29.75	0.00
0	0.46	45.60	0.00
0	0.83	82.62	0.00
0	0.84	84.26	0.00
0	0.78	78.38	0.00
0	0.00	0.00	0.00

Write File now?      HUGE NOTE: change mechanical action of this switch to Latch when Pressed

Header info for text file

E.F. Deveney  
PH414 S07  
File name: efd-ph414-lv-primer  
Col.s: Random #, Random %  
(make sure to hit enter to leave space between text and data).

HUGE NOTE: Right click on header info and chose 'data operations' then 'make current data default' to save this or other data.  
Otherwise, each time run this program, these entries are reset to nothing.

NOTE: right click on data, the chose format and precision to change # of sig figs. shown.

Microsoft Excel - test

	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 enter 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

