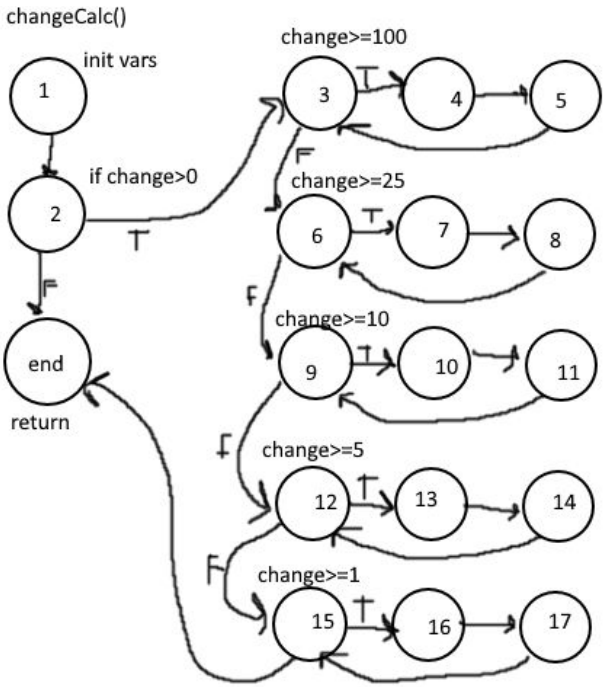
1)

2)

a)

b)



Test Case #	Change value	Output	Path
1	0	0,0,0,0,0	1,2,end
2	141	1,1,1,1,1	1,2,3,4,5,,3,6,7,8,6,9,10,11,9,12,13,,12,14,15,16,17,15,end

c)

d) The fact that each of the different types of coins are separated into a process instead of a single calculation it means you can find where in the calculation there are errors. In the original submission it was only after that I did this that I realized the error was not in the coin calculation but in the original number calculation.