Fill in the red cells in the table below based on the information in Assignment 1.
All values should be in *nominal* terms.

r = 8.00%
i = 1.00%
real growth rate of withdrawals = 3%
nominal growth rate of withdrawals = 4.03% <-- enter formula g = (1+g_r)(1+i) - 1

Period t =	Deposits	PV(Deposit)	Withdrawals	PV(Withdrawal)	Account balance before deposit/withdrawal	Account balance after deposit/withdrawal	
0	0.00	0.00	0.00	0.00	0.00	0.00	
1	0.00	0.00	0.00	0.00	0.00	0.00	
2	0.00	0.00	0.00	0.00	0.00	0.00	
3	0.00	0.00	0.00	0.00	0.00	0.00	
4	0.00	0.00	0.00	0.00	0.00	0.00	
5	0.00	0.00	0.00	0.00	0.00	0.00	
6	0.00	0.00	0.00	0.00	0.00	0.00	
7	0.00	0.00	0.00	0.00	0.00	0.00	
8	0.00	0.00	0.00	0.00	0.00	0.00	
9	0.00	0.00	0.00	0.00	0.00	0.00	
10	14,000.00	6,484.71	0.00	0.00	0.00	14,000.00	
11	14,700.00	6,304.58	0.00	0.00	15,120.00	29,820.00	
12	15,435.00	6,129.45	0.00	0.00	32,205.60	47,640.60	
13	16,206.75	5,959.19	0.00	0.00	51,451.85	67,658.60	
14	17,017.09	5,793.66	0.00	0.00	73,071.29	90,088.37	
15	17,867.94	5,632.72	0.00	0.00	97,295.44	115,163.39	
16	18,761.34	5,476.26	0.00	0.00	124,376.46	143,137.79	
17	20,074.63	5,425.55	0.00	0.00	154,588.82	174,663.45	
18	21,479.86	5,375.31	0.00	0.00	188,636.53	210,116.38	
19	22,983.45	5,325.54	0.00	0.00	226,925.69	249,909.14	
20	24,592.29	5,276.23	0.00	0.00	269,901.87	294,494.16	
21	0.00	0.00	0.00	0.00	318,053.69	318,053.69	
22	0.00	0.00	0.00	0.00	343,497.99	343,497.99	
23	0.00	0.00	0.00	0.00	370,977.83	370,977.83	
24	0.00	0.00	0.00	0.00	400,656.06	400,656.06	
25	0.00	0.00	0.00	0.00	432,708.54	432,708.54	
26	0.00	0.00	5,181.03	700.48	467,325.22	462,144.20	
27	0.00	0.00	5,389.82	674.73	499,115.73	493,725.91	
28	0.00	0.00	5,607.03	649.93	533,223.99	527,616.96	
29	0.00	0.00	5,832.99	626.04	569,826.31	563,993.32	
30	0.00	0.00	6,068.06	603.03	609,112.78	603,044.72	
31	0.00	0.00	6,312.61	580.86	651,288.30	644,975.69	
32	0.00	0.00	6,567.00	559.51	696,573.75	690,006.74	
33	0.00	0.00	6,831.65	538.94	745,207.28	738,375.63	
34	0.00	0.00	7,106.97	519.13	797,445.68	790,338.71	
35	0.00	0.00	7,393.38	500.05	853,565.80	846,172.42	
36	0.00	0.00	7,691.33	481.67	913,866.22	906,174.88	
37	0.00	0.00	8,001.30	463.96	978,668.87	970,667.58	
38	0.00	0.00	8,323.75	446.91	1,048,320.99	1,039,997.24	
39	0.00	0.00	8,659.19	430.48	1,123,197.02	1,114,537.82	
40	0.00	0.00	9,008.16	414.65	1,203,700.85	1,194,692.69	
41	0.00	0.00	9,371.19	399.41	1,290,268.10	1,280,896.91	
42	0.00	0.00	9,748.85	384.73	1,383,368.67	1,373,619.82	
43	0.00	0.00	10,141.73	370.59	1,483,509.41	1,473,367.68	
44	0.00	0.00	10,550.44	356.96	1,591,237.09	1,580,686.66	
45	0.00	0.00	10,975.62	343.84	1,707,141.59	1,696,165.97	
46	0.00	0.00	0.00	0.00	1,831,859.25	1,831,859.25	
47	0.00	0.00	0.00	0.00	1,978,407.98	1,978,407.98	
48	0.00	0.00	0.00	0.00	2,136,680.62	2,136,680.62	
49	0.00	0.00	0.00	0.00	2,307,615.07	2,307,615.07	
50	0.00	0.00	0.00	0.00	2,492,224.28	2,492,224.28	<--- this final balance should be your answer to a and b

PV(all deposits) --> (sum of column C)	63,183.19	PV(all withdrawals) -->	10,045.91	<-- (sum of column E)
		PV(final balance) -->	53,137.28	
		sum	63,183.19	

Note that PV(all deposits) should equal PV(all withdrawals) + PV(final balance)