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

r = 9.34%
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	5,734.26	0.00	0.00	0.00	14,000.00	
11	14,700.00	5,506.83	0.00	0.00	15,307.11	30,007.11	
12	15,435.00	5,288.42	0.00	0.00	32,808.71	48,243.71	
13	16,206.75	5,078.67	0.00	0.00	52,747.97	68,954.72	
14	17,017.09	4,877.24	0.00	0.00	75,392.66	92,409.74	
15	17,867.94	4,683.81	0.00	0.00	101,037.55	118,905.49	
16	18,761.34	4,498.04	0.00	0.00	130,007.07	148,768.41	
17	20,074.63	4,401.92	0.00	0.00	162,658.13	182,732.76	
18	21,479.86	4,307.85	0.00	0.00	199,793.55	221,273.41	
19	22,983.45	4,215.79	0.00	0.00	241,932.53	264,915.98	
20	24,592.29	4,125.70	0.00	0.00	289,649.78	314,242.07	
21	0.00	0.00	0.00	0.00	343,581.18	343,581.18	
22	0.00	0.00	0.00	0.00	375,659.54	375,659.54	
23	0.00	0.00	0.00	0.00	410,732.88	410,732.88	
24	0.00	0.00	0.00	0.00	449,080.83	449,080.83	
25	0.00	0.00	0.00	0.00	491,009.12	491,009.12	
26	0.00	0.00	5,181.03	508.77	536,852.04	531,671.02	
27	0.00	0.00	5,389.82	484.08	581,310.32	575,920.50	
28	0.00	0.00	5,607.03	460.59	629,691.15	624,084.12	
29	0.00	0.00	5,832.99	438.23	682,351.54	676,518.55	
30	0.00	0.00	6,068.06	416.96	739,681.50	733,613.44	
31	0.00	0.00	6,312.61	396.73	802,107.04	795,794.43	
32	0.00	0.00	6,567.00	377.47	870,093.54	863,526.53	
33	0.00	0.00	6,831.65	359.15	944,149.43	937,317.78	
34	0.00	0.00	7,106.97	341.72	1,024,830.17	1,017,723.20	
35	0.00	0.00	7,393.38	325.14	1,112,742.62	1,105,349.24	
36	0.00	0.00	7,691.33	309.36	1,208,549.84	1,200,858.50	
37	0.00	0.00	8,001.30	294.34	1,312,976.30	1,304,975.00	
38	0.00	0.00	8,323.75	280.06	1,426,813.60	1,418,489.85	
39	0.00	0.00	8,659.19	266.47	1,550,926.73	1,542,267.54	
40	0.00	0.00	9,008.16	253.53	1,686,260.89	1,677,252.73	
41	0.00	0.00	9,371.19	241.23	1,833,848.92	1,824,477.73	
42	0.00	0.00	9,748.85	229.52	1,994,819.55	1,985,070.70	
43	0.00	0.00	10,141.73	218.38	2,170,406.23	2,160,264.51	
44	0.00	0.00	10,550.44	207.78	2,361,956.95	2,351,406.52	
45	0.00	0.00	10,975.62	197.70	2,570,944.88	2,559,969.26	
46	0.00	0.00	0.00	0.00	2,798,980.02	2,798,980.02	
47	0.00	0.00	0.00	0.00	3,060,305.95	3,060,305.95	
48	0.00	0.00	0.00	0.00	3,346,030.50	3,346,030.50	
49	0.00	0.00	0.00	0.00	3,658,431.63	3,658,431.63	
50	0.00	0.00	0.00	0.00	4,000,000.00	4,000,000.00	<--- this final balance should be your answer to a and b

PV(all deposits) --> 52,718.54 (sum of column C)
PV(all withdrawals) --> 6,607.22 <-- (sum of column E)
PV(final balance) --> 46,111.32
sum 52,718.54

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