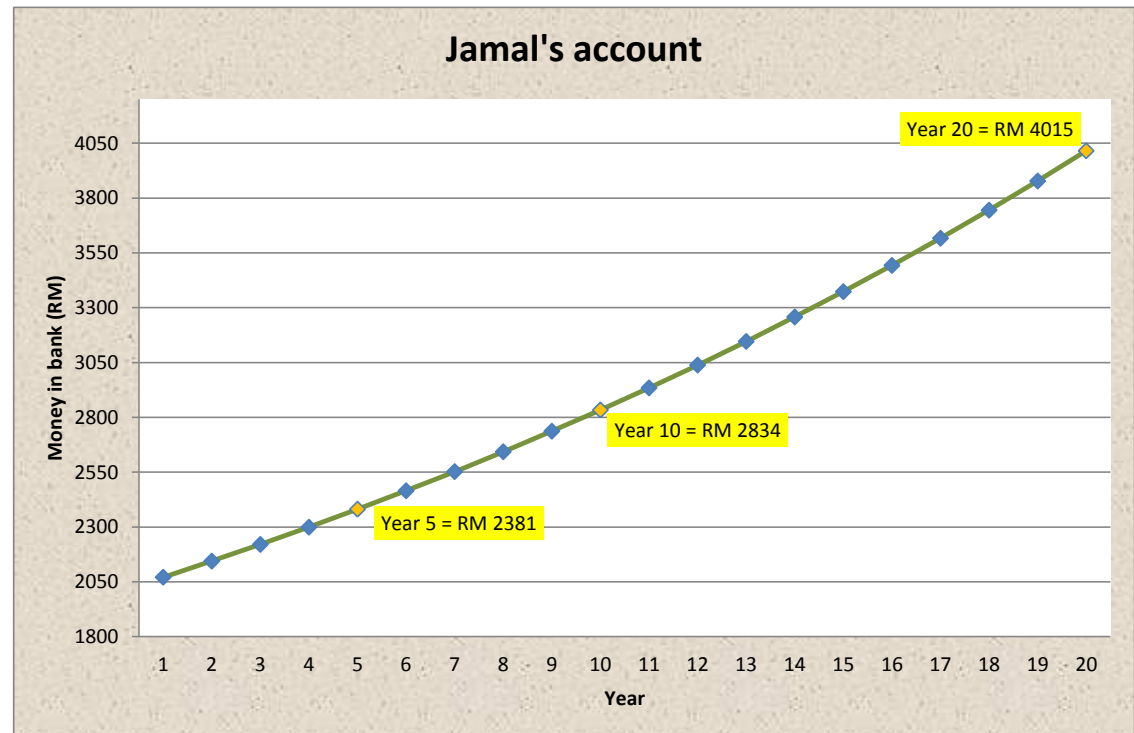


### Exploration 3:

Jamal opens a savings account with RM 2,000.00 as the principal amount with 3.5% interest rate. If the bank calculates compound interest once a year, how much money will John have after 5 years, 10 years, and 20 years.

Year	Original Principal (RM)	Interest rate	Money in bank (RM)	Interest earned each year
1	2000	0.035	2071	71
2	2000	0.035	2144	144
3	2000	0.035	2220	220
4	2000	0.035	2299	299
5	2000	0.035	2381	381
6	2000	0.035	2465	465
7	2000	0.035	2553	553
8	2000	0.035	2643	643
9	2000	0.035	2737	737
10	2000	0.035	2834	834
11	2000	0.035	2934	934
12	2000	0.035	3038	1038
13	2000	0.035	3146	1146
14	2000	0.035	3258	1258
15	2000	0.035	3373	1373
16	2000	0.035	3493	1493
17	2000	0.035	3617	1617
18	2000	0.035	3745	1745
19	2000	0.035	3878	1878
20	2000	0.035	4015	2015



Jamal will have:  
RM 2,381 after 5 years  
RM 2,834 after 10 years  
RM 4,015 after 20 years



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