Activity 1. Table made "manually"

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14
3	1	2	1	2	3	2	3	4	3	4	5	4	5	6
6	1	2	1	2	3	1	2	3	2	4	4	3	3	4

Activity 2. Exchange Times

n	times
320000	24
640000	37
1280000	89
2560000	134
5120000	277
10240000	615
20480000	1396

The complexity of the getNumCoins() is quadratic since there are two nested loops but the stopping conditions of the loops are different, one depends on the amount to exchange and the other in the number of available coins the user has.