ADD THE BINARY NUMBERS.
1 + 1 MAKES 10: WRITE 0 AND CARRY 1.

32	16	8	4	2	1
1	0	0	1	0	1
+	1	0	1	0	0

32	16	8	4	2	1
	1	0	1	0	1
+	1	0	0	1	1

32	16	8	4	2	1
	1	0	1	1	1
+	1	0	0	0	1

32	16	8	4	2	1
		1	0	1	0
+	1	1	0	0	1	1

32	16	8	4	2	1
			1	0	1
+	1	1	0	0	1	1

32	16	8	4	2	1
1	0	1	1	1	0
+		1	0	0	0

32	16	8	4	2	1
	1	1	0	0	0
+	1	0	0	1	1

32	16	8	4	2	1
	1	1	1	0	1
+	1	0	0	0	1

32	16	8	4	2	1
	1	0	1	1	1
+		1	0	1	0

32	16	8	4	2	1
	1	0	1	0	1
+		1	1	0	0

32	16	8	4	2	1
			1	0	0
+	1	1	1	1	0

32	16	8	4	2	1
	1	0	0	0	0
+	1	0	0	1	1