

i	d_5	a_5	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14
00	05	14	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1
01	00	15	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1
02	01	17	1	1	0	0	0	1	0	0	0	0	0	1	1	0	1
03	04	00	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1
04	02	04	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1
05	00	05	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1
06	00	06	0	1	0	1	0	1	0	0	0	0	0	1	0	0	1
07	00	07	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1
08	00	09	0	1	0	1	0	0	0	0	1	0	0	0	0	1	1
09	00	10	0	1	0	1	0	0	0	0	1	0	0	0	0	1	1
10	00	16	0	1	0	1	0	0	0	0	0	0	0	1	1	0	1
11	05	08	0	1	0	0	1	0	0	0	0	1	1	1	0	0	1
12	00	11	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0
13	00	12	0	1	0	0	1	0	0	0	1	0	1	1	0	0	1
14	00	13	0	1	0	0	1	0	0	0	1	0	1	1	0	0	1
15	03	18	0	1	1	0	1	0	0	0	0	0	0	1	0	0	1
16	00	19	0	1	1	0	1	0	1	0	0	0	0	0	1	0	1
17	04	01	1	0	0	1	1	0	0	1	0	0	0	0	0	1	1
18	00	02	1	0	0	1	1	0	0	1	0	0	0	1	0	0	1
19	00	03	1	0	0	1	1	0	0	1	0	0	0	1	0	0	1

Diagram illustrating a sequence of operations on a 18-bit data structure (rows 00 to 19). The data is organized into columns labeled 00 through 14. A 'run' operation is indicated by a box labeled 'run' at the top, with arrows pointing to the 05 and 06 columns. The data is grouped into pairs of columns (00-01, 02-03, 04-05, 06-07, 08-09, 10-11, 12-13, 14-15). The 'run' operation is applied to the 05 column, which contains the values 0, 0, 1, 0, 1, 1, 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 06 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 07 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 08 column, which contains the values 1, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 09 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 10 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 11 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 12 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 13 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 14 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 15 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 16 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 17 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 18 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0. The 'run' operation is also applied to the 19 column, which contains the values 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0.