

String: DCBA

24 Bit

First generation

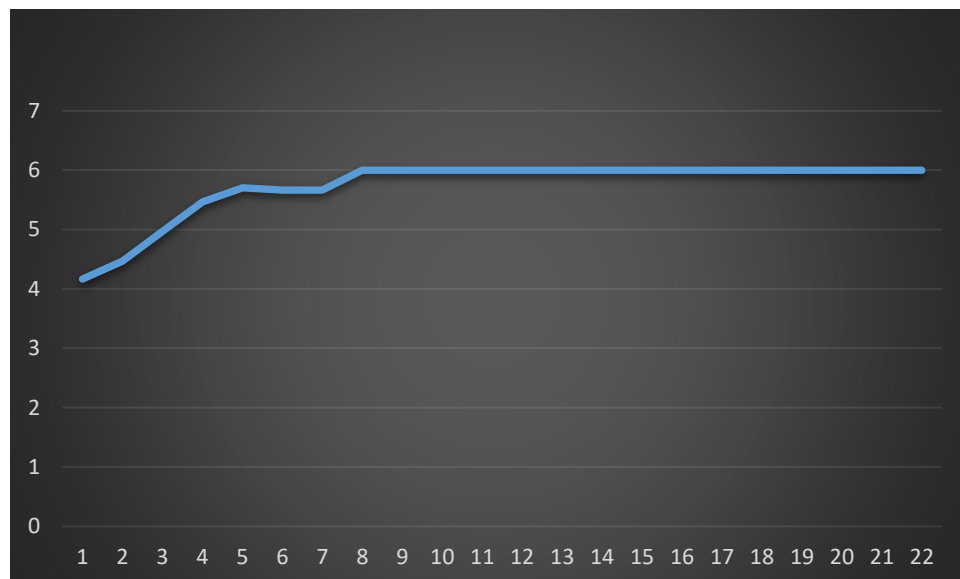
```
10 00 00 01 01 11 11 10 01 11
11 10 01 10 01 01 11 11 01 10
01 10 10 01 00 11 01 00 11 11
11 00 11 00 00 00 10 10 10 10
01 01 01 01 01 01 00 10 01 11
00 01 10 10 00 11 11 10 00 10
11 00 00 00 01 10 10 00 01 00    fitness: 6
01 10 10 01 00 11 01 00 11 11    fitness: 6
00 00 00 11 00 11 10 01 00 00    fitness: 6
11 11 10 00 11 11 00 11 10 11    fitness: 5
11 00 11 00 00 00 10 10 10 10    fitness: 5
11 00 10 00 10 00 00 10 01 01    fitness: 5
10 00 11 10 01 11 01 10 00 00    fitness: 5
10 00 00 01 01 11 11 10 01 11    fitness: 5
01 11 11 00 11 10 10 11 00 10    fitness: 5
01 11 00 10 11 00 00 00 01 00    fitness: 5
00 11 11 11 11 00 10 10 11 10    fitness: 5
00 11 10 11 00 00 11 01 00 11    fitness: 5
00 10 10 10 11 00 00 00 01 11    fitness: 5
11 10 00 10 00 10 11 00 10 10    fitness: 4
10 10 00 01 11 01 00 00 10 10    fitness: 4
01 10 01 01 01 11 00 10 00 11    fitness: 4
01 01 01 01 01 01 00 10 01 11    fitness: 4
01 00 11 11 10 10 11 00 00 01    fitness: 4
00 10 11 10 10 10 01 00 11 10    fitness: 4
00 01 11 11 11 01 10 11 11 10    fitness: 4
00 01 10 10 00 11 11 10 00 10    fitness: 4
11 10 01 10 10 11 01 01 01 11    fitness: 3
01 11 00 00 11 10 11 01 10 01    fitness: 3
01 00 10 11 01 00 11 01 11 10    fitness: 3
01 00 10 00 10 01 10 10 10 10    fitness: 3
00 10 01 01 01 01 10 10 01 01    fitness: 3
11 11 01 01 01 00 00 01 01 10    fitness: 2
11 10 01 10 01 01 11 11 01 10    fitness: 2
10 10 11 11 01 10 01 00 01 01    fitness: 2
10 01 10 01 01 00 10 10 11 11    fitness: 2
Aver. fitness: 4.1
01 10 10 01 00 11 01 00 11 11    fitness: 6
00 00 00 11 00 11 10 01 00 00    fitness: 6
11 10 00 10 00 11 11 10 01 11    fitness: 5
11 10 00 10 00 10 11 01 00 11    fitness: 5
11 00 11 00 00 00 10 10 10 10    fitness: 5
```

Middle generation:

```
00 00 00 11 00 11 10 10 01 11    fitness: 5
10 00 11 10 01 11 01 01 00 11    fitness: 4
10 00 11 10 01 00 10 10 10 10    fitness: 4
10 00 00 01 01 11 11 01 00 11    fitness: 4
10 00 00 01 01 11 01 10 00 11    fitness: 4
10 00 00 01 01 00 11 01 00 11    fitness: 4
10 00 00 00 01 00 11 01 00 00    fitness: 4
Aver. fitness: 5.06667
11 00 11 10 01 10 10 01 10 10    fitness: 6
11 00 11 00 00 11 10 01 10 10    fitness: 6
11 00 11 00 00 00 10 10 01 10    fitness: 6
11 00 00 11 00 11 10 01 10 11    fitness: 6
11 00 00 11 00 11 10 01 10 10    fitness: 6
11 00 00 11 00 11 10 01 10 10    fitness: 6
11 00 00 00 01 11 10 01 10 10    fitness: 6
11 00 00 00 00 11 10 01 10 11    fitness: 6
00 00 00 11 00 11 10 01 10 11    fitness: 6
00 00 00 11 00 11 10 01 00 11    fitness: 6
11 10 00 10 00 11 11 10 10 10    fitness: 5
11 10 00 10 00 11 11 10 01 11    fitness: 5
11 10 00 10 00 11 11 10 01 11    fitness: 5
11 00 11 00 00 00 11 10 01 11    fitness: 5
11 00 11 00 00 00 11 10 01 11    fitness: 5
11 00 11 00 00 00 11 10 01 01    fitness: 5
11 00 11 00 00 00 11 10 01 01    fitness: 5
11 00 11 00 00 00 11 01 00 11    fitness: 5
11 00 11 00 00 00 10 10 01 11    fitness: 5
11 00 00 01 01 11 11 10 11 11    fitness: 5
11 00 00 01 01 11 11 10 00 10    fitness: 5
11 00 00 01 01 11 11 01 00 11    fitness: 5
11 00 00 00 01 11 11 10 01 01    fitness: 5
11 00 00 00 01 00 11 01 00 11    fitness: 5
11 00 00 00 01 00 11 01 00 11    fitness: 5
00 10 00 10 00 11 11 10 01 11    fitness: 5
00 00 11 00 00 00 10 10 01 11    fitness: 5
00 00 00 11 00 11 11 01 00 11    fitness: 5
00 00 00 11 00 00 11 01 00 11    fitness: 5
Aver. fitness: 5.36667
11 00 11 11 00 11 10 01 10 10    fitness: 6
11 00 11 10 01 10 10 01 10 10    fitness: 6
11 00 11 10 01 10 10 01 10 10    fitness: 6
```

Last generation:

11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
Aver.	fitness:										6		
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
11	00	11	11	01	11	10	01	10	11		fitness:	6	
Aver.	fitness:										6		



String CBAD

12 bit

First

```
10 11 11 10 10 10
10 10 11 00 10 10
10 10 10 11 10 01
00 11 00 00 10 11
01 10 11 01 11 00
11 01 10 00 10 00    fitness: 6
10 11 10 00 00 10    fitness: 6
10 00 11 11 10 11    fitness: 6
10 00 01 10 11 10    fitness: 6
01 11 01 11 10 00    fitness: 6
11 10 01 10 10 00    fitness: 5
10 01 10 01 00 10    fitness: 5
11 11 01 10 10 01    fitness: 4
10 10 10 11 10 01    fitness: 4
10 01 11 10 11 10    fitness: 4
10 01 11 00 11 01    fitness: 4
01 11 00 00 01 10    fitness: 4
01 10 11 01 11 00    fitness: 4
01 10 11 00 01 11    fitness: 4
01 01 01 00 00 11    fitness: 4
01 00 01 11 11 00    fitness: 4
00 01 11 11 11 10    fitness: 4
00 00 01 00 01 00    fitness: 4
11 11 10 11 10 11    fitness: 3
11 01 11 01 10 11    fitness: 3
11 01 10 10 10 10    fitness: 3
11 00 10 11 10 11    fitness: 3
10 11 11 10 10 10    fitness: 3
10 10 11 00 10 10    fitness: 3
10 10 01 01 00 11    fitness: 3
01 11 10 11 01 11    fitness: 3
01 01 11 11 11 11    fitness: 3
00 11 11 00 11 11    fitness: 3
00 11 00 11 11 10    fitness: 3
00 11 00 00 10 11    fitness: 3
Aver. fitness: 4
11 01 10 00 10 00    fitness: 6
10 00 11 10 11 10    fitness: 6
```

Middle

```
10 11 10 10 11 10    fitness: 3
10 10 11 01 11 00    fitness: 3
01 11 01 11 00 11    fitness: 3
Aver. fitness: 4.7
11 01 10 00 10 00    fitness: 6
11 01 10 00 10 00    fitness: 6
11 01 00 00 10 00    fitness: 6
10 00 11 10 11 10    fitness: 6
10 00 11 10 11 10    fitness: 6
10 00 01 11 10 00    fitness: 6
10 00 01 10 10 00    fitness: 6
10 00 01 10 10 00    fitness: 6
01 11 01 11 10 00    fitness: 6
01 11 01 11 10 00    fitness: 6
01 11 01 11 10 00    fitness: 6
01 11 00 11 10 00    fitness: 6
01 11 00 00 10 00    fitness: 6
11 11 01 10 10 00    fitness: 5
11 11 01 10 10 00    fitness: 5
11 01 10 01 00 10    fitness: 5
10 11 01 10 10 00    fitness: 5
10 11 01 10 10 00    fitness: 5
10 01 10 01 00 10    fitness: 5
10 01 10 01 00 10    fitness: 5
10 01 10 01 00 01    fitness: 5
10 01 10 00 10 00    fitness: 5
01 11 01 00 10 00    fitness: 5
01 10 11 11 00 10    fitness: 5
01 10 11 01 00 01    fitness: 5
11 01 10 01 00 00    fitness: 4
01 11 01 11 10 01    fitness: 4
01 11 01 01 00 01    fitness: 4
01 10 11 11 10 10    fitness: 4
01 11 01 11 10 10    fitness: 3
Aver. fitness: 5.23333
11 01 10 00 10 00    fitness: 6
11 01 10 00 10 00    fitness: 6
11 01 01 11 10 00    fitness: 6
```

Last

[illegible]

Average fitness, 12 bit

