

8.3

A random sequence  
must have a balanced (ish)  
number of 0s and 1s  
because otherwise a short  
program like the following  
could be used:

```
: gaps = [5, 3, 21, 4]
```

```
: for gap in gaps {
```

```
:     for 0 i < gap
```

```
:         out 0
```

```
:     out 1
```

```
: }
```

That's short b/c it gaps ~~5~~ 21.