

```
1  PRINT 0
2  GO LEFT
3  GO TO STEP 2 IF 1 IS SCANNED
4  PRINT 1
5  GO RIGHT
6  GO TO STEP 5 IF 1 IS SCANNED
7  PRINT 1
8  GO RIGHT
9  GO TO STEP 1 IF 1 IS SCANNED
10 STOP
```