

```

VQUEUE4[[]]V
[0] XX+K QUEUE4 EO;A;Q;B;C;D;E;C2;F;J;L;I
[1] A alphabet size K, at most EO[1] even pals and EO[2] odd pals (incl empty word)
[2] N++/EO
[3] N+N-1
[4] XX+'(START) |- 1',CR
[5] SEEN+Q+,c(10)(10)
[6] L1:
[7] +(0=pQ)/DONE
[8] ±(0∈1000|(pQ),pSEEN)/'□'+(pQ),pSEEN'
[9] A+Q[1]
[10] Q+1+Q
[11] B+Q[1]
[12] C+Q[2]
[13] D+~1
[14] L2:
[15] D+D+1
[16] +(D≥K)/L1
[17] E+B,D
[18] C2+SORTvC,PALSIN E
[19] E+(-(~1+2×N)[pE])±E
[20] DE++/0=2|∈p''C2
[21] DO++/1=2|∈p''C2
[22] +((DE>EO[1])∨DO>EO[2])/L2
[23] F+E C2
[24] +((cF)∈SEEN)/L3
[25] Q+Q,cF
[26] SEEN+SEEN,cF
[27] L3:
[28] J+SEEN1cF
[29] L+SEEN1cA
[30] XX+XX,(≠L), ' ',(≠D), ' ',(≠J),CR
[31] →L2
[32] DONE:
[33] I+0
[34] L4:
[35] I+I+1
[36] +(I>pSEEN)/0
[37] XX+XX,(≠I), ' -| (FINAL)',CR
[38] →L4

```