Machine Turing L = 0"1" If you find a O, neplace it with 7. Then go right until you a 1. If you find a 1, neplace it with y and start going left until you find the leftmost Res 0. Then do the Job nepeatatively 0-)0,L Ny My R 4-34,L 070,R 0-37,R 5-34, R 7-1×, R Accept

Even poundrome &= 3a,b? we know, the 1st and last symbol of a paindrome is always some. so, we make the 1st and last Li. And thus we nepeat symbol alank b/b,R blb.R. L/L,R (Réject 6/ CJ, L ala, L blb, R a/a, er ala, R

an 600 we will concel out 1st a, 1st b and last in every interations. when we will get all a's one completed. Then we will check if any bonc is left. If yes, neject, else accept. then 314, L a/a,L 6/b,L 717, R 4/7,L 616.R a/a/R 1 c/7,L bly.R a/z,R 9/4,8 x/2, R 4/4,R 7/7, R 4/4,6 (Accept 6/b, R c/C,R

177751515151515151515

