







DTM with K tapes. 3 X₃ K XK Transistion Runction.

S(q, (X, X2, ..., Xk)) = (q', (x', X', ..., X', ..., X'), (R, L, R, ..., 2)) Try to We are trying to simulate this

using standard DTM M2

of ha diff tapes to

just copy non-blank contents on M2 tape

separated by # My tape # tere 1 worken to # tape 2 worken to # --- -so contents are put on tope.

now we must have comething to represent tope head

so let normal symbol is y, then y significal
tape head is on it. YYET, YET;

yET;

yeTz

so la malulu. My tepet has # rama# bullock#

