1) Z = {anbn, n=1} Juning Machine . Match a b' for every a . Mark the matched symbols XXX 93 4) 4 / YIR matched 'a' as X' J. DIDIR matched 'b' as Y' Initial input take Confis final input take conf:-

Frace aabb % aabb + X2, abb + Xaqbb 1- X22ayb 1- 22 Xayb L x 20 ay b HXX21YL L XX 7216 H XX92YY H X2XXX HX X2 YY H XXY 23Y H XXXXX 200 L XXXXDFD

2) L= 3 aubucu, n=13 every a. X/X,R Initial confi

final conf: XXXYY12121

3) Construct a Turing Machine for the language of Input take multiplication Initial confi final unf: Repeat n (m times)

Given input: 0"10" produe output: 3) Continued ...

Input type Jime -> Initial conf. 0 0 1 O 3 4 O D D ଠ X ପ O X X O K O X O final conf. O 

3) Continued ...

