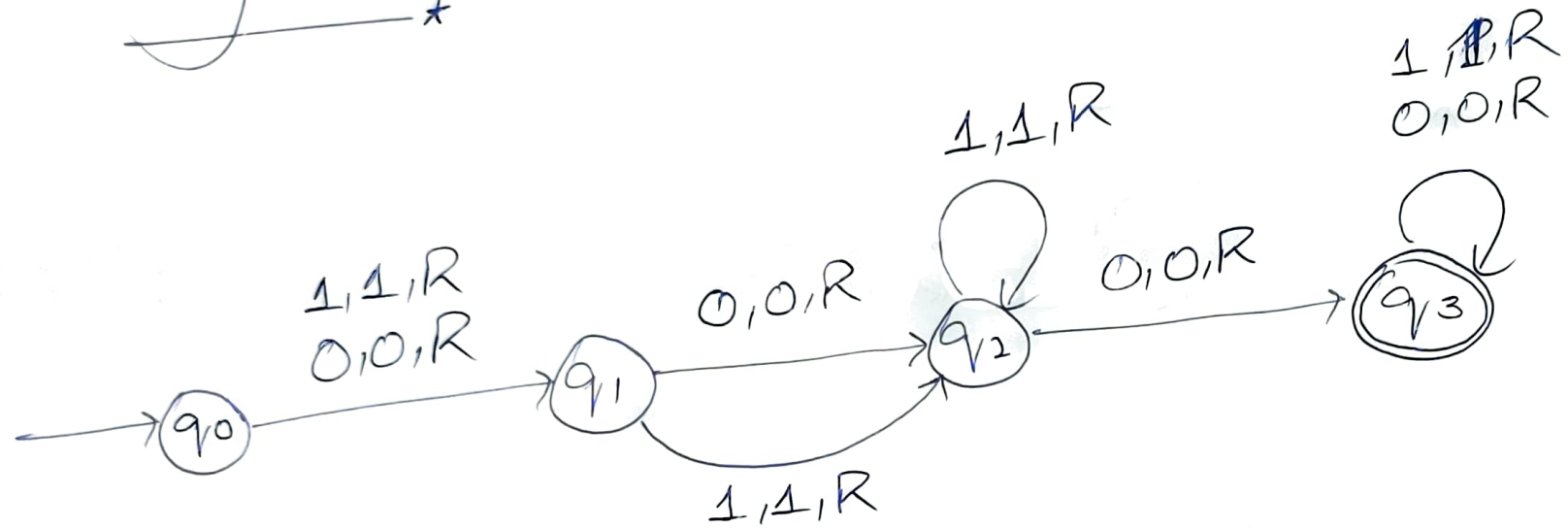


Turing Machine *



→ 011, 101, 110, 001111, 101101, 110011

All are accepted through this T.M.

- Firstly the Program will take an input.
- Then calculate the length of input.
- Then calculate the division of each number by 2.
- If number is divided and the remainder is 0 then the number is 0. Create variable and increment the variable by 1.
- If number is ~~not~~ divided by 2 and remainder is 1 then the number is 1. Create variable and increment the variable by 1.
- When finished the last two steps on whole string then count the 0th variable value & 1th variable value if 1 is twice than 0 then string is correct & create the state Machine or Turing machine of diagram as follows otherwise string is wrong.