Exam CS112

Exercise ?

(Formal befuition - lectule 1. A Juning Madure & a 4-taple (a, E, T, f, Su , Lace, Liej) where Q, E, T pre all fruite sets end:

- . a is the set of stales
- I is the trypul alphabet not contaming the Hank symbol (" ").
 - . T is the tape alphabet, where "∈T and ZCT
 - · fiq " [2 Q x T2 x 2 L, R, S]2 & (2; ,a,,a2) = (2; , b,, by, L, 2)
 - · 20 Eq is the start state
 - · Lace E a to the accept state
 - 2 rej . e a is the reject state and 2 oce + 3 cei

2. The implemented touring turing machine (TH) has two bones topes inclead of one.

The bread goes both at the same time, but goes though them with the exact name hider (because the two hypots are identical, index (because the two hypots are identical, to we don't need two different hidery).

In the input the we add a parameter in trauntions to a simple tape turing machine (that's the most relational change) and and we add one make input.