Homework 9

Due: 2014.12.26 midnight

Problem 1 Design a Turing machine that multiplies integers. Assume that you already have a Truing machine that copies that you can use. The machine that copies does the following where q is the start state. $q100001 \vdash p1000010000$.
Your machine should do the following. $r10^n10^m1 \vdash s10^n10^m10^{nm}$.