Homework 5, Individual

(1) 9,2.39. Given a string poil, let q be the program that accepts j iff p on input i does not accept after at most I je steps (using a universal Pythin program). Hence q accepts all its inputs iff p does not accept i (after any finite number of steps), iff proi E NON-ACCEPTANCE. Hence it L is recognizeble, then so is NOW-ACCEPTANCE

which is impossible.

