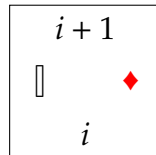
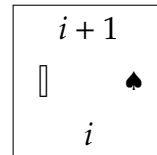


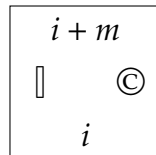
When instruction i is $1\#$



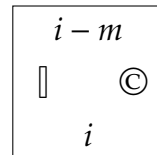
When instruction i is $1\#\#$



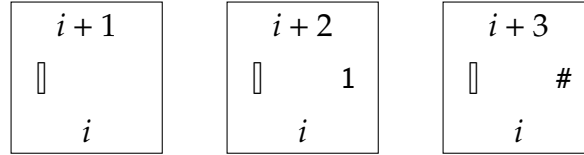
When instruction i is $1^m\#\#\#$



When instruction i is $1^m\#\#\#\#$



When instruction i is 1#####



Since p is tidy, all numbers on the tops of these tiles are between 1 and $n + 1$, where n is the number of instructions in p