**Notes:**

* ~~Need to implement tape as an ArrayList instead of just an Array.~~
* ~~Deal with cases where the turing machine goes off the infinite end of the tape by using \_.~~
* ~~Need to create a print method for the output.~~
* Need to test the Turing machine against StacsCheck
* Need to implement a better implementation of creating a turing machine with a description and a starting type rather than leaving everything inside the constructor.