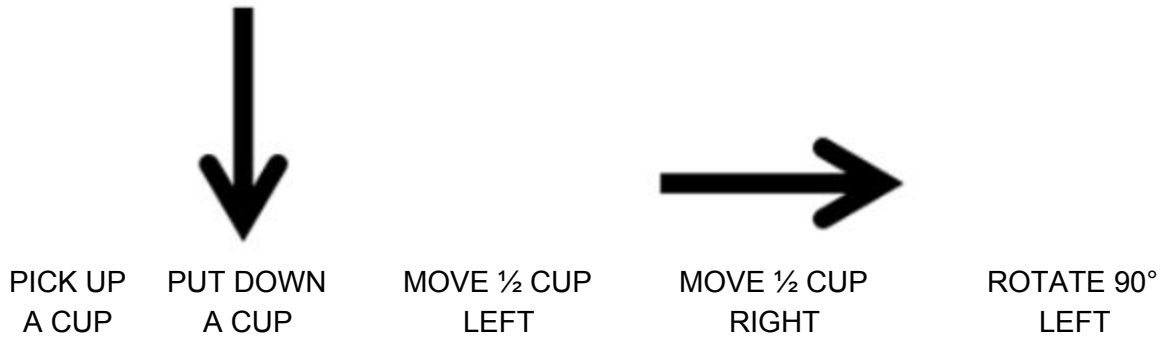
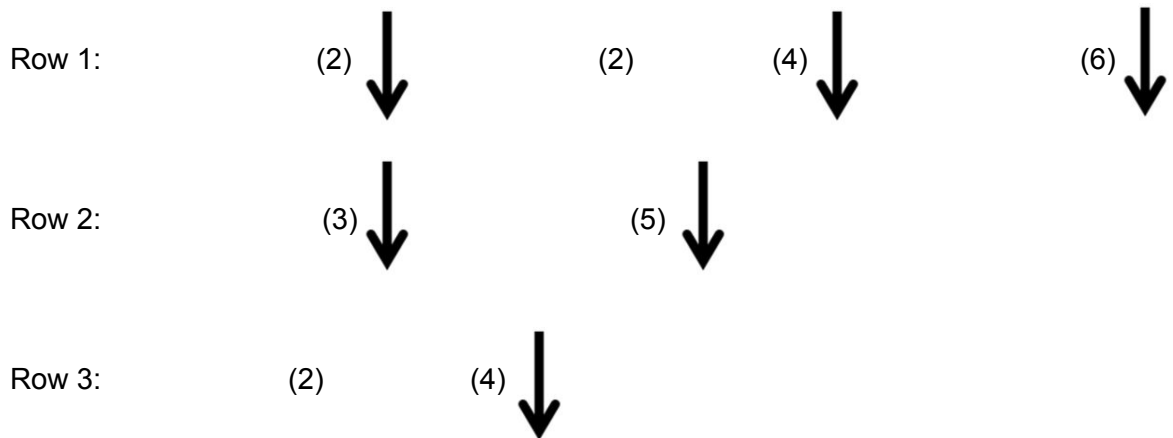


# CUP CODING CHALLENGE

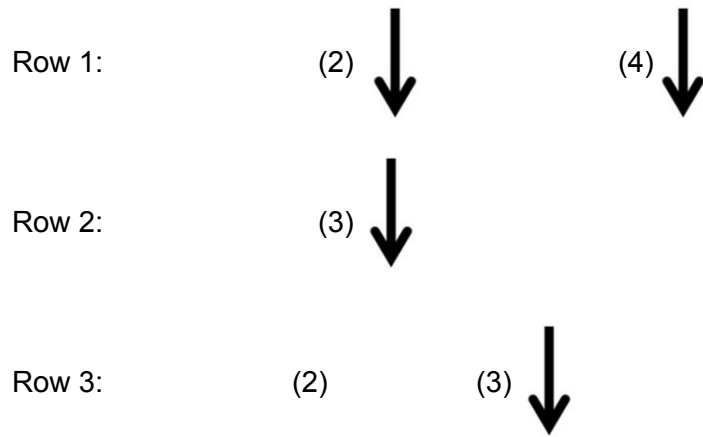
## Code Key



## Algorithm #1



## Algorithm #2



## Algorithm #3

