Function update grid (Desired location, Desired manipulation, Current grid):

Grid => dictionary {Current grid}

If grid{desired location} == 0

Grid{Desired location} => Desired manipulation

Return Grid

Else

Update => Get ‘do you want to overwrite the number that is already in that position? y/n ’

If Update == y

Grid{Desired location} => Desired manipulation

Return Grid

Else

Return Grid