const handler = (key, isCaps, isShift) =>{

const unNum = [..."~!@#$%^&\*()\_+{}|:\"<>? "];

const num = [..."`1234567890-=[]\\;',./ "];

return /^[a-z]$/.test(key) ? isShift ^ isCaps ? key.toUpperCase() : key : num.includes(key) ? isShift ? unNum[num.indexOf(key)] : key : 'KeyError';

}