```
const validateDni = (dni) => {
    const validChars = 'TRWAGMYFPDXBNJZSQVHLCKET'
    const nifRexp = /^[0-9]{8}[TRWAGMYFPDXBNJZSQVHLCKET]{1}$/i
    const nieRexp = /^[XYZ]{1}[0-9]{7}[TRWAGMYFPDXBNJZSQVHLCKET]{1}$/i
    const str = dni.toString().toUpperCase()
    if(!nifRexp.test(str) && !nieRexp.test(str)) console.log('DNI incorrecto')
    const nie = str
        .replace(/^[X]/, '0')
        .replace(/^[Y]/, '1')
        .replace(/^[Z]/, '2')
    const letter = str.substr(-1)
    const charIndex = parseInt(nie.substr(0, 8)) % 23
    if(validChars.charAt(charIndex) === letter) console.log('DNI vÃ;lido')
    console.log('DNI incorrecto')
const validateEmail = (email) => {
    const \ emailRegex = /^(([^<>()\setminus[]\setminus.,:\setminus s@"]+(\setminus.[^<>()\setminus[]\setminus.,:\setminus s@"]+)*)|(".+"))@((\setminus[[0-9]\{1,3\}\setminus.[0-9]\{1,3\}\setminus.[0-9]\{1,3\}\setminus.[0-9]\{1,3\}])|(([a-zA-Z\setminus-0-9]+\setminus.)+[a-zA-Z]\{2,\}))$/
    if(emailRegex.test(email)) console.log('email vÃ;lido')
    else console.log('email incorrecto')
}
const validateIban = (iban) => {
    if(ibanRegex.test(iban)) console.log('iban vA;lido')
    else console.log('iban incorrecto')
const validatePasswordComplex = (password) => {
    //Should have 1 lowercase letter, 1 uppercase letter, 1 number, 1 special character and be at least 8 characters long
    const passwordRegex = /(?=(.*[0-9]))(?=.*[\!@#$%^&*()\[\]{}\-_+=~`|:"'<>,./?])(?=.*[a-z])(?=(.*[A-Z]))(?=(.*)).{8,}/
    if(passwordRegex.test(password)) console.log('password vA;lido')
    else console.log('password incorrecto')
}
const validatePasswordModerate = (password) => {
    //Should have 1 lowercase letter, 1 uppercase letter, 1 number, and be at least 8 characters long
    const passwordRegex = /(?=(.*[0-9]))((?=.*[A-Za-z0-9])(?=.*[A-Z])(?=.*[a-z]))^.{8,}$/
    if(passwordRegex.test(password)) console.log('password vA;lido')
    else console.log('password incorrecto')
const validateUsername = (username) => {
    //Alphanumeric string that may include _ and – having a length of 3 to 16 characters –
    const usernameRegex = /^[a-z0-9_-]{3,16}$/
    if(usernameRegex.test(username)) console.log('username vA;lido')
    else console.log('username incorrecto')
}
const validateUrl = (url) => {
    const urlRegex = \frac{https?:\//(www\.)?[-a-zA-Z0-9@:%._\+~#=]{2,256}\.[a-z]{2,6}\b([-a-zA-Z0-9@:%_\+.~#()?&//=]*)/}{}
    if(urlRegex.test(url)) console.log('url vA;lida')
    else console.log('url incorrecta')
const validateIP = (ip) => {
    const ipRegex = /((^s*(([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[0-5])).){3}([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[0-5]))
\{1,4\}:))|(([0-9A-Fa-f]\{1,4\}:)\{6\}(:[0-9A-Fa-f]\{1,4\}|((25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d)(\.(25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d))\{3\})|:))|(([0-9A-Fa-f]\{1,4\}:)\{5\}(((:[0-9A-Fa-f]\{1,4\}))
\{1,2\}): ((25[0-5]|2[0-4]\d|1\d|[1-9]?\d)(\.(25[0-5]|2[0-4]\d|1\d|[1-9]?\d))(3\}): )) (([0-9A-Fa-f]\{1,4\}:)\{4\}(((:[0-9A-Fa-f]\{1,4\})\{1,3\})) ((:[0-9A-Fa-f]\{1,4\})?:((25[0-5]|2[0-4]\d|1\d|1))
4]\d|1\d\d|[1-9]?\d)(\.(25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d)){3}))|:))|(([0-9A-Fa-f]{1,4}:){3}(((:[0-9A-Fa-f]{1,4})|((:[0-9A-Fa-f]{1,4}))|((:[0-9A-Fa-f]{1,4})){0,2}:((25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d)(\.
(25[0-5]|2[0-4]\backslash d|1\backslash d\backslash d|[1-9]?\backslash d))(3\}))|:))|(([0-9A-Fa-f]\{1,4\}:)\{2\}(((:[0-9A-Fa-f]\{1,4\})\{1,5\})|((:[0-9A-Fa-f]\{1,4\})\{0,3\}:((25[0-5]|2[0-4]\backslash d|1\backslash d\backslash d|[1-9]?\backslash d))((.(25[0-5]|2[0-5]|2[0-6])))|)|(([0-9A-Fa-f]\{1,4\}:)\{2\}(((:[0-9A-Fa-f]\{1,4\})\{1,5\})|((:[0-9A-Fa-f]\{1,4\})\{0,3\}:((25[0-5]|2[0-4]\backslash d|1\backslash d\backslash d|[1-9]?\backslash d))((.(25[0-5]|2[0-6]))|)|)|)|)|
4]\d|1\d\d|[1-9]?\d)){3}))|:))|(([0-9A-Fa-f]{1,4}:){1}(((:[0-9A-Fa-f]{1,4}){1,6})|((:[0-9A-Fa-f]{1,4}){0,4}:((25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d)(\.(25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d))
{3}))|:))|(:(((:[0-9A-Fa-f]{1,4}){1,7})|((:[0-9A-Fa-f]{1,4}){0,5}:((25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d)(\.(25[0-5]|2[0-4]\d|1\d\d|[1-9]?\d)){3}))|:)))(%.+)?\s*$))/g
    if(ipRegex.test(ip)) console.log('ip vA;lida')
    else console.log('ip incorrecta')
}
const validateHexadecimal = (hexadecimal) => {
    const hexadecimalRegex = /^{\#?([a-f0-9]{6}|[a-f0-9]{3})}
    if(hexadecimalRegex.test(hexadecimal)) console.log('hexadecimal vÃ;lido')
    else console.log('hexadecimal incorrecto')
}
const validateCreditCard = (card) => {
    (?:2131|1800|35\d{3})\d{11})$/
    if(creditCardRegex.test(card)) console.log('card vA;lido')
    else console.log('card incorrecto')
validateEmail('dorian@gmail.com')
```