

Exo_01 :

```
var blink_id=[];

function make_validation(){
    let all_inputs = document.querySelectorAll( . . . "input" . . . );
    let valide = true;
    all_inputs.forEach((inpt)=>{
        if(inpt.value=="")
        {
            inpt.nextElementSibling.innerHTML = . . . "Shouldn't be empty" . . .;
            inpt.style.borderColor = . . . "red" . . .;
            inpt.style.borderWidth = . . . "3px" . . .;
            valide = false;
        }
        else if(!check_validity(inpt))
        {
            valide = false;
        }
    });
    if(valide)
        document.getElementById( . . . "form_id" . . . ).submit();
}

function check_phone(){
    let reg_expr = /^[0][6][-][6|9][0-9][-][0-9]{6}$/;
    let target_elm = document.getElementById("nbr_phne");
    if(!reg_expr.test(target_elm.value))
    {
        target_elm.style.borderColor = "red";
        target_elm.style.borderWidth = "3px";
        do_blinking(target_elm);
        return false;
    }
    return true;
}

function check_psswrd(){
    let reg_expr = /^[a-zA-Z0-9$_?]+$/;
    let target_elm = document.getElementById("psswrd");
    if(!reg_expr.test(target_elm.value))
    {
        target_elm.style.borderColor = "red";
        target_elm.style.borderWidth = "3px";
        do_blinking(target_elm);
        return false;
    }
    return true;
}

function print_txt(elm_id){
    let sibl = document.getElementById(elm_id).nextElementSibling;
    sibl.innerHTML = " No valid input ";
}

function clean_txt(elm_id){
    let sibl = document.getElementById(elm_id).nextElementSibling;
    sibl.innerHTML = "";
}
```

1pt

1pt

1pt

1pt

1.5pt

1.5pt

1 pt

```

function do_blinking(trgt_elm){
    switch(trgt_elm.id){
        case "nbr_phne" :   blink_id[0] = setInterval(print_txt,350,"nbr_phne");
                            blink_id[1] = setInterval(clean_txt,700,"nbr_phne");
                            break;
        case "psswrd"   :   blink_id[2] = setInterval(print_txt,350,"psswrd");
                            blink_id[3] = setInterval(clean_txt,700,"psswrd");
                            break;
    }
    setTimeout(stop_blink,5000);
}

function stop_blink(){
    for(i of blink_id)
        clearInterval(i);
}

function reset_default_style(elm){
    stop_blink();
    elm.value = "";
    elm.style.borderColor = null;
    elm.style.borderWidth = null;
    clean_txt(elm.id);
}

```

Exo_02:

```

<script>
var duration = 8000;
let progrss_step = . . . . .duration*2/100 . . . . .;
var id1,progrss_time=0;

function start_timer(){
    id1 = setInterval(. . . . .ajust_value. . , . . . progrss_step. . . . .);
}

function ajust_value(){
    let prgss_bar = document.getElementById("prgss");
    if(prgss_bar.value<100)
    {
        prgss_bar.value += . . . . 2. . . . ;
        progrss_time += . . . . progrss_step. . . . ;
        secnds = . . . . Math.floor(progrss_time/1000) . . . . ;
        tenth = . . . . Math.floor((progrss_time%1000)/10) . . . . ;
        document.querySelector("label").innerHTML = " Timer :  &nbsp;
                                                    "+secnds+":"+tenth;
    }
    else clearInterval(. . . . .id1. . . . );
}

</script>

```