

1-Condition

Syntax

```
if (condition vraie) {instructions1;}
else {instructions2;}
```

```
<!DOCTYPE html>
<html>
<head>
    <title>Structure généralisée</title>
</head>
<body>
    <script type="text/javascript">
        var a = window.prompt("Entrez un entier :", "");
        var b = window.prompt("Entrez un autre entier :", "");
        var c = window.prompt("Entrez un dernier entier :", "");

        a = Number(a);
        b = Number(b);
        c = Number(c);

        var m;
        if (a > b && a > c) {
            m = a;
        } else if (b > a && b > c) {
            m = b;
        } else {
            m = c;
        }

        alert("Le maximum de " + a + ", " + b + " et " + c
+ " est = " + m);
    </script>
</body>
</html>
```

2-Switch

```
<!DOCTYPE html>
<html>
<head>
    <title>Switch</title>
</head>
<body>
    <script type="text/javascript">
        var m = window.prompt("Entrez le numéro du mois :",
        "") ;
        var a = window.prompt("Entrez l'année :", "2025");
        var j;
        switch (m) {
            case "1":
            case "3":
            case "5":
            case "7":
            case "8":
            case "10":
            case "12":
                j = 31;
                break;
            case "4":
            case "6":
            case "9":
```

```

    case "11":
        j = 30;
        break;

    case "2":
        if (a % 4 == 0) {
            j = 29;
        } else {
            j = 28;
        }
        break;

    default:
        j = "invalidé (le mois doit être entre 1 et
12)";
    }

    alert("Le nombre de jours du mois n° " + m + " est
= " + j);

```

</script>

</body>

</html>

3- Function

```

<!DOCTYPE html>
<html>
<head>
    <title>Les fonctions en JavaScript</title>
</head>

```

```
<body>
<script type="text/javascript">
function pgcd(a, b) {
    while (a != b) {
        if (a > b)
            a -= b;
        else
            b -= a;
    }
    return a;
}

var n, m;

do {
    n = Number(prompt("Donnez un entier :", ""));
    m = Number(prompt("Donnez un autre entier :",
"")) ;
} while (n < 1 || m < 1);

var k = pgcd(n, m);
document.write("Le PGCD de " + n + " et " + m + " =
" + k);
</script>
</body>
</html>
```