

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":
```

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        case "11":
            j = 30;
            break;

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

        default:
            j = "invalide (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>
```