

HTML:

```
<!DOCTYPE html>
<html>
<head>
<meta charset="utf-8">
    <title>Exemple de Facture</title>
    <link rel="stylesheet" type="text/css" href="facturestyle.css">
    <script type="text/javascript" src="facture_scriptV1.js"></script>
</head>
<body onload="onload()">
    <form>
        <div class="facture">
            <div class="entete">
                <div class="gauche">
                    <table>
                        <tr>
                            <td></td>
                            <td>
                                <ul class="info_co">
                                    <li><span class="nom">Nom de la compagnie</span></li>
                                    <li><span class="info">Adresse postale</span></li>
                                    <li><br><span class="info">Détails du contact</span></li>
                                </ul>
                            </td>
                        </tr>
                    </table>
                </div>
                <div class="droite">
                    <table>
                        <tr>
                            <td width="160px"><span class="titre">FACTURE</span></td>
                        </tr>
                        <tr>
                            <td class="text_area"><br><input type="text" name="date" id="date" placeholder="Date"></td>
                        </tr>
                        <tr>
                            <td class="text_area"><br><input type="text" name="n_facture" id="n_facture" placeholder="N° de facture"></td>
                        </tr>
                    </table>
                </div>
            </div>
            <div class="contenu">
                <span class="condition">Conditions de paiement, par exemple: dû dans X jours</span>
                <div class="destination">
                    <table width="96%" border="0" style="margin: 0 auto;">
                        <tr>
                            <td class="text_area"><span class="titre_dest">Destinataire</span></td>
                            <td width="24px"></td>
                            <td class="text_area"><span class="titre_dest">Envoyez à</span></td>
                        </tr>
                        <tr>
                            <td>Nom</td>
                            <td></td>
                            <td>Nom</td>
                        </tr>
                        <tr>
                            <td>Nom de la société</td>
                            <td></td>
                            <td>Nom de la société</td>
                        </tr>
                        <tr>
                            <td>Adresse postale</td>
                            <td></td>
                            <td>Adresse postale</td>
                        </tr>
                        <tr>
                            <td>Téléphone</td>
                            <td></td>
                            <td>Téléphone</td>
                        </tr>
                        <tr>
                            <td>Email</td>
                            <td></td>
                            <td>Email</td>
                        </tr>
                    </table>
                </div>
                <div class="inventaire">
                    <table class="table_inv" id="table_inv" width="96%" border="0" cellspacing="0">
                        <tr class="entete_inv">
                            <th width="600px">DESCRIPTION</th>
                            <th width="140px">QUANTITÉ</th>
                            <th width="140px">PRIX UNITAIRE</th>
                            <th width="80px">TOTAL</th>
                        </tr>
                        <tr>
                            <td colspan="4"><!-- DEBUT DE LA PARTIE A MODIFIER -->

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<tr class="row firstrow">
    <td><input type="text" name="desc" class="input desc" value ="desc1"></td>
    <td><input type="text" name="qte" class="input qte" value ="0"></td>
    <td><input type="text" name="prix" class="input prix" value ="0"></td>
    <td><input type="text" name="total" class="totalLigne" readonly="readonly" value="0.00"></td>
</tr>
<tr class="row">
    <td><input type="text" name="desc" class="input desc" value ="desc2"></td>
    <td><input type="text" name="qte" class="input qte" value ="0"></td>
    <td><input type="text" name="prix" class="input prix" value ="0"></td>
    <td><input type="text" name="total" class="totalLigne" readonly="readonly" value="0.00"></td>
</tr>
<tr class="row" id="modeleLigne">
    <td><input type="text" name="desc" class="input desc" value ="desc3"></td>
    <td><input type="text" name="qte" class="input qte" value ="0"></td>
    <td><input type="text" name="prix" class="input prix" value ="0"></td>
    <td><input type="text" name="total" class="totalLigne" readonly="readonly" value="0.00"></td>
</tr>

<tr class="row lastrow" id="lastLigne">
    <td><input type="text" name="desc" class="input desc" value ="desc4"></td>
    <td><input type="text" name="qte" class="input qte" value ="0"></td>
    <td><input type="text" name="prix" class="input prix" value ="0"></td>
    <td><input type="text" name="total" class="totalLigne" readonly="readonly" value="0.00"></td>
</tr>

</table>
<table class="calcul_table" width="96%" border="0" style=" margin: 0 auto;" cellspacing="0">
    <tr class="calcul">
        <td style="text-align: left;">Remarques, notes et instructions de paiement</td>
        <td></td>
        <td width="540px">SOUS-TOTAL</td>
        <td width="80px"><input type="text" name="sous-total" id="st1" class="input" value="0.00"></td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td>REMISE</td>
        <td><input type="text" name="remise" id="r1" class="input" value="10.00"></td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td>SOUS-TOTAL MOINS LES REMISES</td>
        <td><input type="text" name="st_remise" id="st_r1" value="0.00" readonly="readonly"></td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td>TAUX D'IMPOSITION</td>
        <td><input type="text" name="taux_impot" id="ti1" class="input" value="10.00%"></td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td>TAXE TOTALE</td>
        <td><input type="text" name="taxe_total" id="tt1" value="0.00" readonly="readonly"></td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td>EXPEDITO, MANUTENTION</td>
        <td><input type="text" name="exp_man" id="e_m1" class="input" value="5.00"></td>
    </tr>
</table>
<table width="96%" style="margin: 0 auto;" cellspacing="0">
    <tr>
        <td></td>
        <td width="140px"></td>
        <td width="140px" style="border-top: 1px solid black; font-size: 16px;">SOLDE DU</td>
        <td style="background-color: lightpink; border-top: 1px solid black;" width="80px"><input type="text" name="solde" id="solde" value="0.00€" readonly="readonly"></td>
    </tr>
    <tr>
        <td></td>
        <td></td>
        <td></td>
        <td style="background-color: lightpink; border-top: 1px solid black"> </td>
    </tr>
</table>
</div>
</div>

<input type="button" value="Calculer" onclick="calculate()>
<input type="reset" value="Annuler">
<input type="button" value="Ajouter une ligne" onclick="ajouterLigne()>
<input type="button" value="Remplir automatiquement" onclick="remplir()>
</div>

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</form>
</body>
</html>
```

CSS:

```
/* - Corps de la facture - */
.facture{
    font-family: 'Verdana';
    width: 60%;
    margin: 0 auto;
    background-color: lightblue;
    border-top: 16px solid grey;
    border-bottom: 16px solid grey;
    border-radius: 12px;
}

.text_area{
    border-bottom: 1px solid black;
}

/* - En-tête- */

.entete{
    background-color: #008E8E;
    padding-bottom: 32px;
}

/* >> Partie gauche */

.gauche{
    display: inline-block;
}

img{
    margin: 2em;
    margin-right: 1em;
    border-radius: 50%;
}

.info_co{
    margin-left: -1.4em;
}

ul{
    list-style: none;
}

span.info{
    font-size: 12px;
}

/* >> Partie droite */

.droite{
    margin-top: auto;
    float: right;
    padding: 14px;
    padding-top: 2em;
    text-align: center;
}

span.titre{
    font-weight: bold;
    font-size: 24px;
    color: #969696;
}

#date, #n_facture{
    text-align: center;
}

/* - Contenu - */

.contenu{
    padding-top: 18px;
```

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}

/* >> Destination & Condition */

.destination{
    font-size: 13px;
    margin-bottom: 12px;
}

span.condition{
    float: right;
    font-size: 12px;
    margin-right: 16px;
    margin-bottom: 6px;
    font-style: italic;
}

span.titre_dest{
    font-size: 14px;
    font-weight: bold;
}

/* >> Inventaire */

.inventaire{
    font-size: 12px;
    text-align: right;
}

.inventaire tr td input{
    text-align: right;
}

.table_inv{
    height: 8em;
    margin: 0 auto;
}

table td input{
    min-width: 1px;
    max-width: 100%;
    width: 99%;
    border-style: none;
    background-color: transparent;
}

.table_inv tr td{
    border-right: 1px solid gray;
    border-left: 1px solid gray;
}

table tr td .desc{
    text-align: left;
}

.entete_inv{
    text-align: center;
    background-color: #008E8E;
    color: white;
    height: 18px;
}

.firstrow td{
    border-top: 1px solid gray;
}

.lastrow td{
    border-bottom: 1px solid gray;
}

.inventaire .row:nth-child(even){
    background-color: #fff;
}

.inventaire .row:nth-child(odd){
    background-color: #e8e8e8;
}

#solde{
    font-weight: bold;
    font-size: 18px;
}

```

Javascript:

```
// Fonction qui se lance au chargement de la page
function onload() {
    // Date de la facture (maj auto)
    document.getElementById('date').value=formatDate(Date.now());
}
// Fonction qui permet de convertir la chaine de caractère de base de Date.now() en quelque chose de plus présentable.
function formatDate(date) {
    var d = new Date(date), month = " + (d.getMonth() + 1), day = " + d.getDate(), year = d.getFullYear();
    if (month.length < 2) {
        month = '0' + month;
    }
    if (day.length < 2) {
        day = '0' + day;
    }
    return [day, month, year].join('/');
}
// DEBUT DE LA PARTIE A MODIFIER
// Fonction qui dépend du bouton "Calculer"
function calculate() {

    var total = 0;

    //Partie A FAIRE
    var listePrix = document.getElementsByClassName("prix");
    var listeQte = document.getElementsByClassName("qte");
    var listeTtl = document.getElementsByClassName("totalLigne");

    for (var i=0; i< listePrix.length;i++)
    {
        listeTtl[i].value = parseInt(listeQte[i].value)*parseInt(listePrix[i].value);
        total=total+parseInt(listeTtl[i].value);
    }

    // Remise
    const remise = parseFloat(document.getElementById('r1').value);
    // Sous-Total
    const sousTotal = parseInt(document.getElementById('st1').value=total);
    // Sous-Total sans les remises
    const sT_r = parseFloat(document.getElementById('st_r1').value=sousTotal-sousTotal*(remise/100.0));
    // Taux d'impôts
    const tauxImpots = parseFloat(document.getElementById('ti1').value);
    // Taxe totale
    const totalTaxe = parseFloat(document.getElementById('tt1').value=Math.round(sousTotal*tauxImpots)/100.0);
    // Frais exp
    const fraisexp = parseFloat(document.getElementById('e_m1').value)
    // Solde
    const solde = parseFloat(document.getElementById('solde').value=sT_r+totalTaxe+fraisexp);

}

function remplir()
{
    const tabDesc = new Array("portable","bureau","ram 8go","clef usb 16 go","souris","ecran 17 pouces")

    var listePrix = document.getElementsByClassName("prix");
    var listeQte = document.getElementsByClassName("qte");
    var listeDesc = document.getElementsByClassName("desc");

    for (var i=0; i< listeDesc.length;i++)
    {
        var idesc = Math.floor(tabDesc.length *Math.random());
        listeDesc[i].value = tabDesc[idesc];

        var qte = Math.floor(10 *Math.random()+1);
        var prix = Math.floor(100 *Math.random()+1);
        listeQte[i].value = qte;
        listePrix[i].value = prix;
    }
}

function ajouterLigne()
{
    var newLi = document.getElementById("modeleLigne").cloneNode(true);
    var lastLi = document.getElementById("lastLigne");
    var pere = document.getElementById("table_inv").firstChild.nextSibling;

    pere.insertBefore(newLi,lastLi);
}
```