OUTPUT

index.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Inventory Management</title>
    <link
      href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
      rel="stylesheet"
      integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
      crossorigin="anonymous"
    />
    <link rel="stylesheet" href="main.css" />
  </head>

  <body>
    <header>
      <nav class="navbar navbar-expand-lg bg-light">
        <div class="container-fluid bg-dark text-light ">
          <a class="navbar-brand text-light" href="#">Inventory Management</a>
          <button
            class="navbar-toggler"
            type="button"
            data-bs-toggle="collapse"
            data-bs-target="#navbarNav"
            aria-controls="navbarNav"
            aria-expanded="false"
```
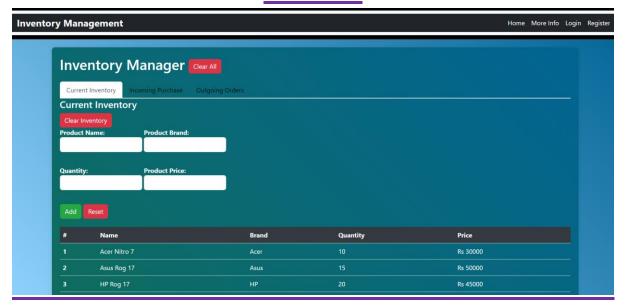
```html
      aria-label="Toggle navigation"
    >
     <span class="navbar-toggler-icon"></span>
    </button>
    <center>
        <div class="collapse navbar-collapse" id="navbarNav">
          <ul class="navbar-nav">
            <li class="nav-item">
     <a class="nav-link active text-light" aria-current="page" href="#">Home</a>
    </li>
     <li class="nav-item">
      <a class="nav-link" href="#">More Info</a>
     </li>
    </ul>
    <ul class="navbar-nav">
     <li class="nav-item">
      <a class="nav-link" href="#">Login</a>
     </li>
     <li class="nav-item">
      <a class="nav-link" href="#">Register</a>
     </li>
    </ul>
   </div>
  </center>
  </div>
 </nav>
</header>

<main>
 <div class="container">
  <div class="heading">
   <h1>
    Inventory Manager
    <button type="button" onclick="clearAll()" class="btn btn-danger">
     Clear All
    </button>
   </h1>
  </div>
  <div class="tabs">
   <ul class="nav nav-tabs" id="myTab" role="tablist">
    <li class="nav-item" role="presentation">
     <button
      class="nav-link active"
      id="home-tab"
      data-bs-toggle="tab"
      data-bs-target="#home-tab-pane"
      type="button"
```

```
   role="tab"
   aria-controls="home-tab-pane"
   aria-selected="true"
  >
   Current Inventory
  </button>
 </li>
 <li class="nav-item" role="presentation">
  <button
   class="nav-link"
   id="profile-tab"
   data-bs-toggle="tab"
   data-bs-target="#profile-tab-pane"
   type="button"
   role="tab"
   aria-controls="profile-tab-pane"
   aria-selected="false"
  >
   Incoming Purchase
  </button>
 </li>
 <li class="nav-item" role="presentation">
  <button
   class="nav-link"
   id="contact-tab"
   data-bs-toggle="tab"
   data-bs-target="#contact-tab-pane"
   type="button"
   role="tab"
   aria-controls="contact-tab-pane"
   aria-selected="false"
  >
   Outgoing Orders
  </button>
 </li>
</ul>
<div class="tab-content" id="myTabContent">
 <div
  class="tab-pane fade show active"
  id="home-tab-pane"
  role="tabpanel"
  aria-labelledby="home-tab"
  tabindex="0"
 >
  <div class="heading">
   <h4>Current Inventory</h4>
   <button
```

```
      type="button"
      onclick="clearCurrentInventory()"
      class="btn btn-danger"
    >
      Clear Inventory
    </button>
  </div>
  <div class="add-item">
    <form class="form">
      <div class="mb-3">
        <label class="form-label">
          Product Name:
          <input
            id="current_order_product_name"
            class="form-control"
            type="text"
            required
          />
        </label>
        <label class="form-label">
          Product Brand:
          <input
            id="current_order_product_brand"
            class="form-control"
            type="text"
            required
          />
        </label>
      </div>
      <div class="mb-3">
        <label class="form-label">
          Quantity:
          <input
            id="current_order_product_quantity"
            class="form-control"
            type="number"
            required
          />
        </label>
        <label class="form-label">
          Product Price:
          <input
            id="current_order_product_price"
            class="form-control"
            type="number"
            required
          />
```

```html
      </label>
    </div>
    <div class="mb-3">
     <button
       class="btn btn-success"
       onclick="addCurrentInventory()"
       type="button"
     >
       Add
     </button>
     <button class="btn btn-danger" type="reset">Reset</button>
    </div>
   </form>
 </div>
 <table class="table">
  <thead>
   <tr>
     <th scope="col">#</th>
     <th scope="col">Name</th>
     <th scope="col">Brand</th>
     <th scope="col">Quantity</th>
     <th scope="col">Price</th>
   </tr>
  </thead>
  <tbody id="current_inventory_list">
   <tr>
     <th scope="row">1</th>
     <td>Acer Nitro 7</td>
     <td>Acer</td>
     <td>10</td>
     <td>Rs 30000</td>
   </tr>
   <tr>
     <th scope="row">2</th>
     <td>Asus Rog 17</td>
     <td>Asus</td>
     <td>15</td>
     <td>Rs 50000</td>
   </tr>
   <tr>
     <th scope="row">3</th>
     <td>HP Rog 17</td>
     <td>HP</td>
     <td>20</td>
     <td>Rs 45000</td>
   </tr>
  </tbody>
```

```
    </table>
  </div>
  <div
    class="tab-pane fade"
    id="profile-tab-pane"
    role="tabpanel"
    aria-labelledby="profile-tab"
    tabindex="0"
  >
    <div class="heading">
      <h4>Incoming Product</h4>
      <button
        onclick="clearIncomingOrder()"
        type="button"
        class="btn btn-danger"
      >
        Clear Incoming
      </button>
    </div>
    <div class="add-item">
      <form class="form">
        <div class="mb-3">
          <label class="form-label">
            Product Name:
            <input
              id="incoming_order_product_name"
              class="form-control"
              type="text"
              required
            />
          </label>
          <label class="form-label">
            Product Brand:
            <input
              id="incoming_order_product_brand"
              class="form-control"
              type="text"
              required
            />
          </label>
        </div>
        <div class="mb-3">
          <label class="form-label">
            Quantity:
            <input
              id="incoming_order_product_quantity"
              class="form-control"
```

```
        type="number"
        required
       />
     </label>
     <label class="form-label">
       Product Price:
       <input
        id="incoming_order_product_price"
        class="form-control"
        type="number"
        required
       />
     </label>
    </div>
    <div class="mb-3">
     <button
       class="btn btn-success"
       onclick="addIncomingOrder()"
       type="button"
     >
       Add
     </button>
     <button class="btn btn-danger" type="reset">Reset</button>
    </div>
   </form>
  </div>
  <table class="table">
   <thead>
    <tr>
     <th scope="col">#</th>
     <th scope="col">Name</th>
     <th scope="col">Brand</th>
     <th scope="col">Quantity</th>
     <th scope="col">Price</th>
    </tr>
   </thead>
   <tbody id="incoming_inventory_list">
    <tr>
     <th scope="row">1</th>
     <td>Acer Nitro 7</td>
     <td>Acer</td>
     <td>30</td>
     <td>Rs 60000</td>
    </tr>
    <tr>
     <th scope="row">2</th>
     <td>Asus Rog 17</td>
```

```
      <td>Asus</td>
      <td>25</td>
      <td>Rs 90000</td>
    </tr>
    <tr>
      <th scope="row">3</th>
      <td>HP Rog 17</td>
      <td>HP</td>
      <td>40</td>
      <td>Rs 105000</td>
    </tr>
  </tbody>
</table>
</div>
<div
  class="tab-pane fade"
  id="contact-tab-pane"
  role="tabpanel"
  aria-labelledby="contact-tab"
  tabindex="0"
>
  <div class="heading">
    <h4>Outgoing Orders</h4>
    <button
      type="button"
      onclick="clearOutgoingOrder()"
      class="btn btn-danger"
    >
      Clear Outgoing
    </button>
  </div>
  <div class="add-item">
    <form class="form">
      <div class="mb-3">
        <label class="form-label">
          Product Name:
          <input
            id="outgoing_order_product_name"
            class="form-control"
            type="text"
            required
          />
        </label>
        <label class="form-label">
          Product Brand:
          <input
            id="outgoing_order_product_brand"
```

```html
       class="form-control"
       type="text"
       required
      />
    </label>
   </div>
   <div class="mb-3">
    <label class="form-label">
     Quantity:
     <input
       id="outgoing_order_product_quantity"
       class="form-control"
       type="number"
       required
      />
    </label>
    <label class="form-label">
     Product Price:
     <input
       id="outgoing_order_product_price"
       class="form-control"
       type="number"
       required
      />
    </label>
   </div>
   <div class="mb-3">
    <button
      class="btn btn-success"
      onclick="addOutgoingOrder()"
      type="button"
     >
      Add
    </button>
    <button class="btn btn-danger" type="reset">Reset</button>
   </div>
  </form>
 </div>
 <table class="table">
  <thead>
   <tr>
    <th scope="col">#</th>
    <th scope="col">Name</th>
    <th scope="col">Brand</th>
    <th scope="col">Quantity</th>
    <th scope="col">Price</th>
   </tr>
```

```html
      </thead>
      <tbody id="outgoing_inventory_list">
       <tr>
         <th scope="row">1</th>
         <td>Acer Nitro 7</td>
         <td>Acer</td>
         <td>5</td>
         <td>Rs 15000</td>
       </tr>
       <tr>
         <th scope="row">2</th>
         <td>Asus Rog 17</td>
         <td>Asus</td>
         <td>10</td>
         <td>Rs 25000</td>
       </tr>
       <tr>
         <th scope="row">3</th>
         <td>HP Rog 17</td>
         <td>HP</td>
         <td>15</td>
         <td>Rs 22500</td>
       </tr>
      </tbody>
     </table>
    </div>
   </div>
  </div>
 </div>
</main>

<script
 src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
 integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
 crossorigin="anonymous"
></script>
<script src="main.js"></script>
 </body>
</html>
```

main.css

```css
/* Reset some default styles */
body,
h1,
h2,
h3,
p,
ul,
li {
  margin: 0;
  padding: 0;
}

/* Set the background color */
body {
  /* background-color: #f8f9fa; */
  background: linear-gradient(45deg, #91d3ff, #026494);
  color: #ffffff;

}

/* Style the header */
header {
  background-color: #000000;
  color: #051a38;
  padding: 10px 0;
}

.navbar-brand {
  font-size: 24px;
  font-weight: bold;
}

.navbar-nav .nav-link {
  color: #ffffff;
}

/* Style the main content */
main {
  padding: 20px 0;
}

.container {

  background: linear-gradient(45deg, #0f6d5d, #026494);
  padding: 20px;
```

```css
  border-radius: 8px;
  box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

.heading h1 {
  font-size: 36px;
  margin-bottom: 20px;
}

.tabs {
  margin-top: 20px;
}

/* Style the tab navigation */
.nav-tabs {
  border-bottom: 2px solid #ffffff;
}

.nav-link {
  color: hsl(0, 0%, 0%);
}

.nav-link.active {
  color: #ffffff;
  border-color: #343a40;
}

/* Style the forms and buttons */
.form-label {
  font-weight: bold;
}

.form-control {
  margin-bottom: 10px;
}

.btn-success {
  background-color: #28a745;
}
.btn-success:hover{
  background-color: aqua;
  color: rgb(0, 0, 0);
  transition: 1s;
}
.btn-danger {
  background-color: #dc3545;
  border: none;
```

```css
}
.btn-danger:hover{
 background-color: rgb(8, 21, 106);
 color: rgb(255, 255, 255);
 transition: 1s;
}
/* Style the tables */
.table {
 margin-top: 20px;
}

.table thead th {
 background-color: #343a40;
 color: #ffffff;
}

/* Add some spacing between rows in the tables */
.table tbody td,
.table tbody th {
 padding: 8px;
 color: white;
}

/* Style the footer */
footer {
 background-color: #343a40;
 color: #ffffff;
 padding: 10px 0;
 text-align: center;
}

/* Responsive styling */
@media (max-width: 767px) {
 .navbar-toggler-icon {
  background-color: #f82929;
 }

 .navbar-nav {
  flex-direction: column;
 }
}
```

main.js

```javascript
let current_inventory = {
  1: {
    name: "Acer Nitro 7",
    brand: "Acer",
    price: 1000,
    quantity: 10,
  },
  2: {
    name: "Asus ROG Strix",
    brand: "Asus",
    price: 1200,
    quantity: 5,
  },
  3: {
    name: "MSI GL65 Leopard",
    brand: "MSI",
    price: 1500,
    quantity: 3,
  },
  4: {
    name: "Lenovo Legion Y540",
    brand: "Lenovo",
    price: 1300,
    quantity: 7,
  },
  5: {
    name: "HP Omen 15",
    brand: "HP",
    price: 1100,
    quantity: 8,
  },
};

let incoming_purchase = {
  1: {
    name: "Acer Nitro 7",
    brand: "Acer",
    price: 1000,
    quantity: 5,
  },
  2: {
    name: "Asus ROG Strix",
    brand: "Asus",
    price: 1200,
    quantity: 5,
```

```
  },
  3: {
     name: "MSI GL65 Leopard",
     brand: "MSI",
     price: 1500,
     quantity: 3,
  },
  4: {
     name: "Lenovo Legion Y540",
     brand: "Lenovo",
     price: 1300,
     quantity: 7,
  },
  5: {
     name: "HP Omen 15",
     brand: "HP",
     price: 1100,
     quantity: 8,
  },
  6: {
     name: "Dell G3",
     brand: "Dell",
     price: 900,
     quantity: 10,
  },
};

let orders = {
  1: {
     name: "Acer Nitro 7",
     brand: "Acer",
     price: 1000,
     quantity: 5,
  },
};

function is_empty(string) {
  if (string.length == 0) {
     return true;
  }
  return false;
}

function getIndex(tbody) {
  let index = tbody.children.length || 0;
  return index;
}
```

```javascript
function clearAll() {
  clearCurrentInventory();
  clearIncomingOrder();
  clearOutgoingOrder();
}

function clearCurrentInventory() {
  document.querySelector("#current_inventory_list").innerHTML = "";
}

function clearIncomingOrder() {
  document.querySelector("#incoming_inventory_list").innerHTML = "";
}

function clearOutgoingOrder() {
  document.querySelector("#outgoing_inventory_list").innerHTML = "";
}

function addCurrentInventory() {
  let productName = document.querySelector("#current_order_product_name").value;
  let productBrand = document.querySelector(
    "#current_order_product_brand"
  ).value;
  let productPrice = document.querySelector(
    "#current_order_product_price"
  ).value;
  let productQuantity = document.querySelector(
    "#current_order_product_quantity"
  ).value;

  if (
    is_empty(productName) ||
    is_empty(productBrand) ||
    is_empty(productPrice) ||
    is_empty(productQuantity)
  ) {
    alert("Please fill out all fields");
    return;
  }

  let tbody = document.querySelector("#current_inventory_list");

  let tr = `<tr>
  <th scope='row'>${getIndex(tbody) + 1}</th>
  <td>${productName}</td>
  <td>${productBrand}</td>
```

```javascript
      <td>${productQuantity}</td>
      <td>$${productPrice}</td>`;

      tbody.innerHTML += tr;
}

function addIncomingOrder() {
  let productName = document.querySelector(
      "#incoming_order_product_name"
  ).value;
  let productBrand = document.querySelector(
      "#incoming_order_product_brand"
  ).value;
  let productPrice = document.querySelector(
      "#incoming_order_product_price"
  ).value;
  let productQuantity = document.querySelector(
      "#incoming_order_product_quantity"
  ).value;

  if (
    is_empty(productName) ||
    is_empty(productBrand) ||
    is_empty(productPrice) ||
    is_empty(productQuantity)
  ) {
    alert("Please fill out all fields");
    return;
  }

  let tbody = document.querySelector("#incoming_inventory_list");

  let tr = `<tr>
  <th scope='row'>${getIndex(tbody) + 1}</th>
  <td>${productName}</td>
  <td>${productBrand}</td>
  <td>${productQuantity}</td>
  <td>$${productPrice}</td>`;

  tbody.innerHTML += tr;
}

function addOutgoingOrder() {
  let productName = document.querySelector(
      "#outgoing_order_product_name"
  ).value;
  let productBrand = document.querySelector(
```

```
    "#outgoing_order_product_brand"
  ).value;
  let productPrice = document.querySelector(
    "#outgoing_order_product_price"
  ).value;
  let productQuantity = document.querySelector(
    "#outgoing_order_product_quantity"
  ).value;

  if (
    is_empty(productName) ||
    is_empty(productBrand) ||
    is_empty(productPrice) ||
    is_empty(productQuantity)
  ) {
    alert("Please fill out all fields");
    return;
  }

  let tbody = document.querySelector("#outgoing_inventory_list");

  let tr = `<tr>
<th scope='row'>${getIndex(tbody) + 1}</th>
<td>${productName}</td>
<td>${productBrand}</td>
<td>${productQuantity}</td>
<td>$${productPrice}</td>`;

  tbody.innerHTML += tr;
}
```