

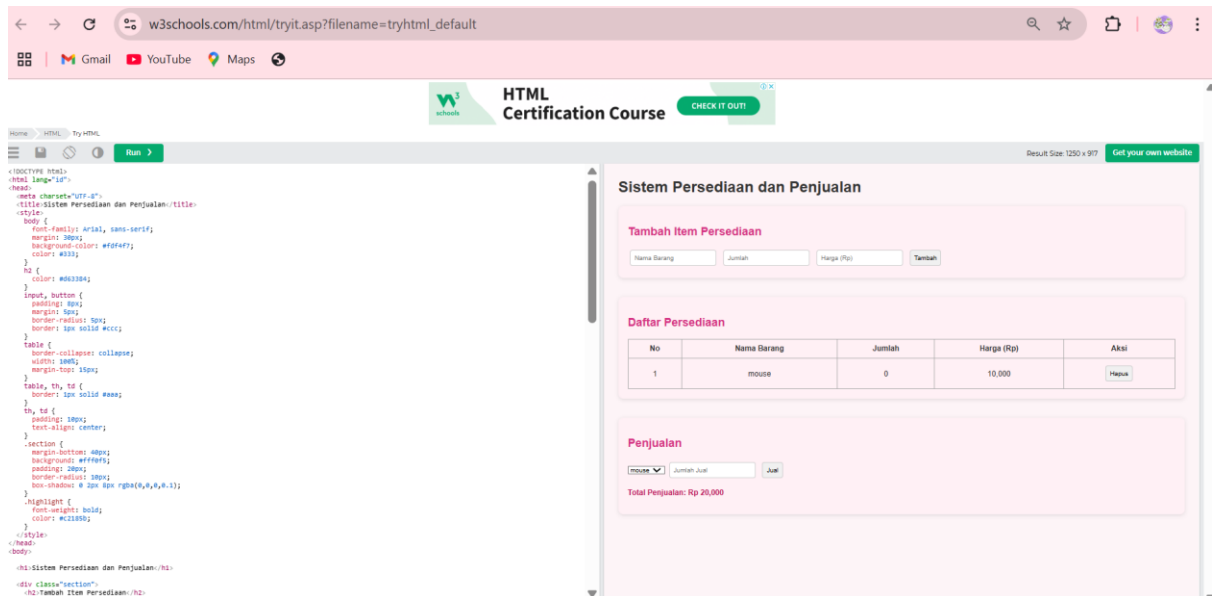
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Mata Kuliah : Pengkodean dan Pemograman

Kelas : D

1. Tampilan W3schools



2. Kode

```
<!DOCTYPE html>
<html lang="id">
<head>
  <meta charset="UTF-8">
  <title>Sistem Persediaan dan Penjualan</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 30px;
      background-color: #fdf4f7;
      color: #333;
    }
    h2 {
      color: #d63384;
    }
    input, button {
      padding: 8px;
      margin: 5px;
```

```

        border-radius: 5px;
        border: 1px solid #ccc;
    }
    table {
        border-collapse: collapse;
        width: 100%;
        margin-top: 15px;
    }
    table, th, td {
        border: 1px solid #aaa;
    }
    th, td {
        padding: 10px;
        text-align: center;
    }
    .section {
        margin-bottom: 40px;
        background: #fff0f5;
        padding: 20px;
        border-radius: 10px;
        box-shadow: 0 2px 8px rgba(0,0,0,0.1);
    }
    .highlight {
        font-weight: bold;
        color: #c2185b;
    }
</style>
</head>
<body>

```

```
<h1>Sistem Persediaan dan Penjualan</h1>
```

```

<div class="section">
    <h2>Tambah Item Persediaan</h2>
    <input type="text" id="itemName" placeholder="Nama Barang">
    <input type="number" id="itemQty" placeholder="Jumlah">
    <input type="number" id="itemPrice" placeholder="Harga (Rp)">
    <button onclick="addItem()">Tambah</button>
</div>

```

```

<div class="section">
    <h2>Daftar Persediaan</h2>
    <table id="inventoryTable">

```

```

<thead>
  <tr>
    <th>No</th>
    <th>Nama Barang</th>
    <th>Jumlah</th>
    <th>Harga (Rp)</th>
    <th>Aksi</th>
  </tr>
</thead>
<tbody></tbody>
</table>
</div>

<div class="section">
  <h2>Penjualan</h2>
  <select id="sellItemSelect"></select>
  <input type="number" id="sellQty" placeholder="Jumlah Jual">
  <button onclick="sellItem()">Jual</button>
  <p class="highlight">Total Penjualan: Rp <span id="totalSales">0</span></p>
</div>

<script>
  let inventory = [];
  let totalSales = 0;

  function updateInventoryTable() {
    const tableBody = document.querySelector("#inventoryTable tbody");
    const selectList = document.getElementById("sellItemSelect");
    tableBody.innerHTML = "";
    selectList.innerHTML = "";

    inventory.forEach((item, index) => {
      const row = document.createElement("tr");
      row.innerHTML = `
        <td>${index + 1}</td>
        <td>${item.name}</td>
        <td>${item.qty}</td>
        <td>${item.price.toLocaleString()}</td>
        <td><button onclick="deleteItem(${index})">Hapus</button></td>
      `;
      tableBody.appendChild(row);

      const option = document.createElement("option");

```

```

        option.value = index;
        option.text = item.name;
        selectList.appendChild(option);
    });
}

function addItem() {
    const name = document.getElementById("itemName").value;
    const qty = parseInt(document.getElementById("itemQty").value);
    const price = parseInt(document.getElementById("itemPrice").value);
    if (!name || isNaN(qty) || isNaN(price)) return alert("Isi semua data dengan benar!");

    inventory.push({ name, qty, price });
    updateInventoryTable();

    document.getElementById("itemName").value = "";
    document.getElementById("itemQty").value = "";
    document.getElementById("itemPrice").value = "";
}

function deleteItem(index) {
    inventory.splice(index, 1);
    updateInventoryTable();
}

function sellItem() {
    const index = parseInt(document.getElementById("sellItemSelect").value);
    const qtyToSell = parseInt(document.getElementById("sellQty").value);
    if (isNaN(qtyToSell) || qtyToSell <= 0) return alert("Jumlah tidak valid!");
    if (inventory[index].qty < qtyToSell) return alert("Stok tidak cukup!");

    inventory[index].qty -= qtyToSell;
    const income = qtyToSell * inventory[index].price;
    totalSales += income;
    document.getElementById("totalSales").innerText = totalSales.toLocaleString();
    updateInventoryTable();
    document.getElementById("sellQty").value = "";
}

updateInventoryTable();
</script>

```

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