

# **THE STATE UNIVERSITY OF ZANZIBAR**



## **SCHOOL OF SOCIAL AND NATURAL SCIENCE DEPARTMENT OF SOCIAL SCIENCE TUNGUU CAMPUS**

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<b>LECTURE:</b>	<b>Mr MASSOUD HAMAD</b>
<b>NATURE OF WORK:</b>	<b>INDIVIDUAL ASSIGNMENT</b>
<b>SUBJECT NAME:</b>	<b>WEBSITE DEVELOPMENT</b>
<b>COURSE CODE:</b>	<b>INF 2205</b>
<b>SUBMISSION DATE:</b>	<b>22/5/2023</b>
<b>STUDENTS NAME</b>	<b>ABDI, ZAFARAN ABDALLA</b>
<b>REG No.SIGNATURE:</b>	<b>BITAM/9/21/035/TZ</b>
<b>GIT ACCOUNT:</b>	

## Question two

```
<!DOCTYPE html>
<html>
<head>
  <title>Mid Term Test</title>
  <style>
    table {
      border-collapse: collapse;
      width: 20%;
    }

    td {
      border: 1px solid #ccc;
      padding: 8px;
      text-align: left;
    }
  </style>
</head>
<body onload="displayValidRangeMessage()">
  <h1>Link Generator</h1>
  <form>
    <label for="startRange">Start Range:</label>
    <input type="text" id="startRange" name="startRange" value="1">

    <label for="endRange">End Range:</label>
    <input type="text" id="endRange" name="endRange" value="1"><br><br>

    <button type="button" onclick="displayTable()">display Table</button>
  </form>

  <p id="validRange"></p>
  <div id="message"></div>
  <table id="tableContainer"></table>
</body>
<script>
  // Global data array
  let data = ["syllabus.html", "p1.html", "p2.html", "style.html",
"email.html", "system.html", "process.html"];

  // Function to display the table
  function displayTable() {
    var startRange = parseInt(document.getElementById("startRange").value);
    var endRange = parseInt(document.getElementById("endRange").value);
    var message = document.getElementById("message");

    if (isNaN(startRange) || isNaN(endRange) || startRange > endRange ||
startRange < 1 || endRange > data.length) {
```

```

        var validRange = "Valid Range: 1-" + data.length;
        message.textContent = "Invalid range, " + validRange;
        document.getElementById("tableContainer").innerHTML = "";
        return;
    }

    var table = "<table>";

    for (var i = startRange - 1; i <= endRange - 1; i++) {
        table += "<tr><td><a href='" + data[i] + "'>" + data[i] +
"</a></td></tr>";
    }

    table += "</table>";

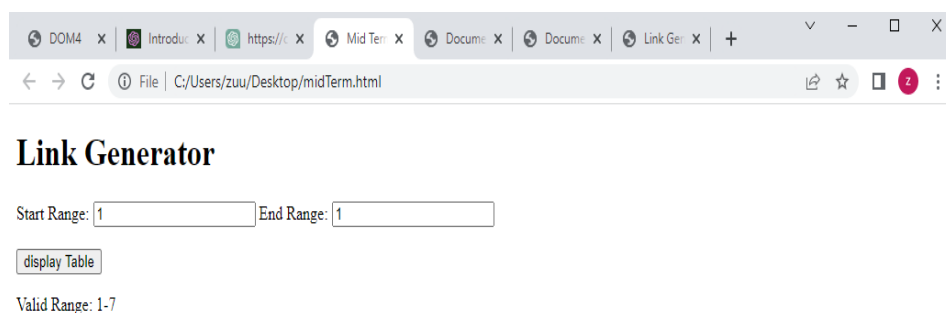
    document.getElementById("tableContainer").innerHTML = table;
    message.textContent = "";
}

// Function to display the initial valid range message
function displayValidRangeMessage() {
    var validRangeMessage = "Valid Range: 1-" + data.length;
    document.getElementById("validRange").textContent = validRangeMessage;
}
</script>
</html>

```

## Output

During loading file



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← → ↻ ⓘ File | C:/Users/zuu/Desktop/midTerm.html

## Link Generator

Start Range:  End Range:

Valid Range: 1-7

On provide invalid range

[←](#) [→](#) [↻](#) [i](#) File | C:/Users/zuu/Desktop/midTerm.html

## Link Generator

Start Range:  End Range:

Valid Range: 1-7

Invalid range, Valid Range: 1-7

After provide valid range

[←](#) [→](#) [↻](#) [i](#) File | C:/Users/zuu/Desktop/midTerm.html

## Link Generator

Start Range:  End Range:

Valid Range: 1-7

<a href="#">syllabus.html</a>
<a href="#">p1.html</a>
<a href="#">p2.html</a>
<a href="#">style.html</a>
<a href="#">email.html</a>
<a href="#">system.html</a>