

A3

Web Programming Course

Issue Date: 2025-04-04



Due Date: Friday, 11 April 2025, 11:59:59 PM

IMPORTANT Note: Answer all questions, for code related questions, please include editable source code and proof of screen that you wrote the code, and it is running correctly on your system.

Web Programming: Assignment No. 3

Q1: Write an HTML code for the below Table, and add link to Wikipedia pages to each city and country (please take help from Lec. 04). You have to produce the below example first, and then add links.

North America

SN	City	US State/Country
1.	Ann Arbor	 Michigan
2.	Atlanta	 Georgia
3.	Austin	 Texas
4.	Boulder	 Colorado
5.	Boulder – Pearl Place	 Colorado
6.	Boulder – Walnut	 Colorado
7.	Cambridge	 Massachusetts
8.	Chapel Hill	 North Carolina
9.	Chicago – Carpenter	 Illinois
10.	Chicago – Fulton Market	 Illinois

Web Programming: Assignment No. 3

Q2: Write an HTML and CSS code to set the green colour to alternate even rows in a table.

Name	Designation	Salary
Steve	Manager	1,00,000
SURAJ	Assistant Manager	50,000
Khushboo	Analysist	65,000
Kartik	Worker	20,000
Saksham	Worker	20,000

Web Programming: Assignment No. 3

Q3: Analyze the below HTML Table, and count the number of <tr>, <td>, <th> tags used in it.

Column 1	Column 2	Column 3
Row 1 Cell 1	Row 1 Cell 2	Row 1 Cell 3
	Row 2 Cell 2	Row 2 Cell 3
Row 3 Cell 1		

Q4: Why HTML tables are used in websites. Please write answer with 2~3 sentences only.

Web Programming: Assignment No. 3

Q5: Write an HTML code to convert the table given on the left side to the right side.

Left

Name	Subject	Marks
Mark Smith	English	67
	Maths	82
	Science	91



Right

Name	Subject	Marks
Mark Smith	English	0
	Maths	
	Science	

Web Programming: Assignment No. 3

Q6: Conver the below code to offline CSS style. Please download the CSS file and add it to the HTML code.

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Bootstrap Example</title>
  <!-- Bootstrap CSS -->
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/css/bootstrap.min.css" rel="stylesheet">
  <style>
    /* Custom Styles */
    .custom-button {
      background-color: #ff6347;
      color: white;
      border-radius: 5px;
    }
  </style>
</head>
<body>

<div class="container mt-5">
  <h1 class="text-center mb-4">Bootstrap Example</h1>

  <!-- Buttons with Bootstrap classes -->
  <div class="d-flex justify-content-center mb-4">
    <button class="btn btn-primary mx-2">Primary Button</button>
    <button class="btn btn-secondary mx-2">Secondary Button</button>
    <button class="btn custom-button mx-2">Custom Button</button>
  </div>

  <!-- Grid System Example -->
  <div class="row">
    <div class="col-md-6">
      <div class="p-3 mb-2 bg-light text-dark text-center">Column 1</div>
    </div>
    <div class="col-md-6">
      <div class="p-3 mb-2 bg-light text-dark text-center">Column 2</div>
    </div>
  </div>
</div>

<!-- Bootstrap JS and dependencies (Popper.js and Bootstrap JS) -->
<script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.6/dist/umd/popper.min.js"></script>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0-alpha1/dist/js/bootstrap.min.js"></script>
</body>
</html>
```

Note: You can get the code from the lab practice uploaded together with Lec. 5 and modify the circle part.

Guidelines and Caution!!!

- Submission can be made using an email (email: ab09@gachon.ac.kr).
- The **Subject** of email must be, [Assignment #: 3, \(Student Name, Student Number, Date of submission\)](#)
- The tile page of each assignment must contain, Assignment #, Student Name, Student Number, Major, and Due and submission dates.
- All questions and answers should be included as a one file (word or PPT) along with source codes.
- The copied assignments will be graded as **zero** and result in **negative marks**.
- It will be better to keep copies of each assignment for exams preparations, especially theory portion of the exam.
- It will be ideal to think, read, brainstorm, and discuss with classmate's multiple time to answer the questions well.
- **There is no credit for early submission, so takes time, and please submit on the due date only.**
- There might be other subjects' HomeWorks, still it is manageable to do these tasks before deadline.
- **Please don't forget to write your names and student number** in email title and assignment files.

