

**National University**

**of Computer and Emerging Sciences Peshawar Campus**

fast-logo

Student Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Program: BS(CS)/BS(SE)

Semester: Spring-2022

Time Allowed:

Course: CS4032/SE3003 Web Programming and Engineering

Examination: Assignment 3

Total Marks: 30 Weightage: 2

Date: 15 April 2022

Instructor Name: Zeshan Khan

**NOTE:** Attempt all questions.

Read each question completely before answering it. There are **2 questions** on **2 pages**.

In case of any ambiguity, you may make assumption. But your assumption should not contradict any statement in the question paper.

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| **JavaScript** |
| **Question No. 1 [Time: 03 Hours] [Marks: 30]** |

1. Create an input field (<input type=”text”>) ad a span tag. When a user writes a number in the text field he span tag should show if he number is even or odd. User don’t need to click any submit button. The same action should be performed when user changes that input.
2. Write a JavaScript program to construct the following pattern by reading number of rows from an input field, using a nested for loop. He patern is needed to be shown on console.

For input 3

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1. Build a slider using HTML, CSS and JavaScript.