

University of Engineering & Technology, Peshawar
Department of Computer System Engineering

Web Engineering – Spring 2023

Assignment # 02

Instructions:

- Submission deadline is 31st March 2023. Late submission is not permitted, and assignments handed in after the due date will be returned unmarked.
 - The assignment is an individual assignment and individual submissions are required. If students are found to have collaborated excessively or to have cheated (e.g. by copying), all involved will receive ZERO marks.
 - Students are respectfully reminded of the University and Department's policy on Plagiarism. Any submission that is either not original or bears an unacceptable similarity to a 3rd party document or submission will be awarded ZERO for the entire assignment.
-

1. **Develop** a JavaScript program to move two small squares inside one big square in a random manner. User should be able to start and stop this animation using button-based events. Use `setTimeout()` and `setInterval()`.

CLO-3 [Cognitive Domain: Synthesis]

Useful tip: `Math.floor(Math.random() * Math.floor(max))` will give you a random number that is less than max value.

2. Write a code using jQuery that will automatically adjust the font size as we increase or decrease the window width. **Hint:** Use `width()`, `resize()`.