

# CENG311

## VIDEO ASSIGNMENT 2

**Due: 05.01.2025 23:59**

**The Story of RowHammer - Keynote Talk at NTUA 6th Computing Systems Research Day - 10.01.2023 (<https://www.youtube.com/watch?v=Au4n5fKG7IA>):**

1. Explain the mechanism of the RowHammer vulnerability as described in the talk.
  - What is RowHammer, and how does it exploit modern DRAM technology?
  - Summarize the key technical aspects that make this vulnerability possible.
2. What are the implications and mitigation strategies for RowHammer?
  - Discuss the real-world risks posed by the RowHammer vulnerability.
  - Outline the primary approaches and techniques proposed to mitigate or prevent RowHammer attacks.
3. Analyze your understanding and reflect on areas for clarification.
  - Which parts of the talk did you find most challenging to comprehend?
  - If you had the opportunity to ask the speaker a question, what would it be, and why?

We will evaluate your submission by considering your understanding of the main concepts introduced in the lecture. However, the submissions like “All”, “None”, “Some”, “No question” without any explanation will not get any point.

**Very Important Note:** You need to use **your own** words in the summary. You **should not** directly take the sentences from the video script or your friend's submission. Also, you **should not** use any artificial intelligence tools. We will check your submission for plagiarism.

You are required to submit **at most a 1-page pdf** file named as yourstudentnumber\_VA2.pdf.