Data in-use Midterm Q&A

**🤔 Anticipated Questions & Answers:**

**Q1: Why focus on data-in-use over data-at-rest or in-transit?**

“Because it's the most vulnerable state — it’s where data is in the open, being processed, and can be easily intercepted by malicious actors.”

**Q2: Why did MOVEit fail despite being an enterprise tool?**

“They failed to detect and patch a critical zero-day vulnerability in time. No system is immune if runtime monitoring and audits are missing.”

**Q3: Can Intel SGX or Fortanix really prevent these breaches?**

“They can significantly reduce the attack surface by encrypting data even while in memory — which makes it harder for threats to exploit vulnerabilities during processing.”