

Program Code & Semester: B.Tech (IT)- 4<sup>th</sup> Semester.

Paper Title: Principles of Programming  
Tutorial and Practical - Set 4

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1. Use-after-free Vulnerability (Tutorial): Analyse the CVEs (CVE-2022-26485 and CVE-2022-26486) in the perspective of the Garbage Collection.
2. Golang (Tutorial) - Analyse the process of Golang Garbage Collection.
3. Stack (Tutorial) - Where are the references to the Heap's objects are stored. If Stack, is it always in the stack?