Memory Leak In C- C Tutorial In Hindi #75.mp4 - VLC media player

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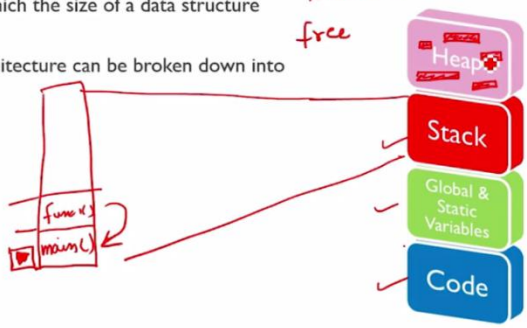
WHAT IS MEMORY LEAK IN C?

- **Dynamic Memory Allocation** is a way in which the size of a data structure can be changed during the runtime.
- Memory assigned to a program in a typical architecture can be broken down into four segments:
  1. Code
  2. Static/global variables
  3. Stack
  4. Heap

malloc calloc .
free



03:50 14:01

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WHAT CAUSES MEMORY LEAK IN C?

- With great power comes great responsibility
- Memory leak is caused when we don't use dynamic memory properly
- When we keep on allocating memory in the heap without freeing, the overall memory usage keeps on increasing.
- This situation is the cause of memory leak ie the programmer creates a memory block in the memory and forgets to delete it.
- To avoid these memory leak situations, memory allocated on heap should always be freed when not needed.

free

05:30 14:01