

CODESHOWS MODULE 2 (For First Year)

TUTORIAL FOR C:

- **Functions in C:**

- Functions
 - <https://www.studytonight.com/c/user-defined-functions-in-c.php>
 - https://www.youtube.com/watch?v=GC4QEL_Bur4
- Recursion
 - <https://www.studytonight.com/c/type-of-functions-and-recursion.php>
 - <https://www.youtube.com/watch?v=Uar8VYY0C>
- Types of Function Calls
 - <https://www.studytonight.com/c/types-of-function-calls.php>
 - <https://www.youtube.com/watch?v=MEJfbLnx5Lg>
 - <https://www.youtube.com/watch?v=jqMnytbaK7E>
- Types of Funtion Variables
 - <https://www.youtube.com/watch?v=luNMo2e8x2Q>
 - <https://www.youtube.com/watch?v=bO4Xf64WMfs>
 - <https://www.youtube.com/watch?v=ggDdneaSSTw>
- Formal Parameters and Passing Array in Function
 - <https://www.studytonight.com/c/array-in-function-in-c.php>
 - <https://www.youtube.com/watch?v=WrdHVIwIMjs>

- **Structures in C**

- <https://www.studytonight.com/c/structures-in-c.php>
- <https://www.youtube.com/watch?v=dFS8uvxRuLA>
- <https://www.studytonight.com/c/typedef.php>

- **Union in C**

- <https://www.studytonight.com/c/unions-in-c.php>
- <https://www.youtube.com/watch?v=kfPICvrYp2U>

- **Pointers in C**

- Concept
 - <https://www.studytonight.com/c/pointers-in-c.php>
 - <https://www.studytonight.com/c/declaring-and-initializing-pointer.php>
 - <https://www.youtube.com/watch?v=kYIfLEY2xXM>
 - <https://www.youtube.com/watch?v=VFVLQwdImRs>

- **Pointer to pointer**
 - <https://www.studytonight.com/c/pointer-to-pointer.php>
 - <https://www.youtube.com/watch?v=zrW10y2oveU>
- **Pointer Arithmetic**
 - <https://www.studytonight.com/c/pointer-arithmetic-in-c.php>
 - <https://www.youtube.com/watch?v=zwEAthq3304>
- **Pointer to Array and Structure**
 - <https://www.studytonight.com/c/pointers-with-array.php>
 - <https://www.studytonight.com/c/pointers-to-structure-in-c.php>
- **Functions and Pointers**
 - <https://www.studytonight.com/c/pointer-with-function-in-c.php>
 - <https://www.youtube.com/watch?v=hhd fzT7vMho>