Write a C macro PRINT(x) which prints x

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- Pre-increment and Post-increment in C/C++
- Applications of Pointers in C/C++
- Sum of array Elements without using loops and recursion
- Comments in C/C++
- “static const” vs “#define” vs “enum”
- Why strcpy and strncpy are not safe to use?
- How will you print numbers from 1 to 100 without using loop? | Set-2

- How to find Segmentation Error in C & C++ ? (Using GDB)
- time() function in C
- Loader in C/C++
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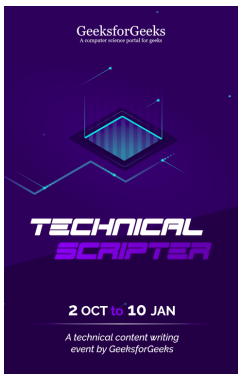
- Commonly Asked C Programming Interview Questions | Set 3
- Passing Reference to a Pointer in C++
- Communication between two process using signals in C
- GDB (Step by Step Introduction)



Diffference between #define and const in C?

#define is a preprocessor directive. Things defined by #define are replaced by the preprocessor before compilation begins.

const variables are actual variables like other normal variable.

The big advantage of const over #define is type checking. We can also have poitners to const varaibles, we can pass them around, typecast them and any other thing that can be done with a normal variable. One disadvantage that one could think of is extra space for variable which is immaterial due to optimizations done by compilers.

In general const is a better option if we have a choice. There are situations when #define cannot be replaced by const. For example, #define can take parameters (See this for example). #define can also be used to replace some text in a program with another text.

This article is contributed by **Abhay Rathi**. Please write comments if you find anything incorrect, or you want to share more information about the topic discussed above

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