

CODE workshop: Introduction to C

Thought by: Rahul Bharadwaj

Dear participants,

Welcome to the "Introduction to C" workshop! We are thrilled to have each and every one of you here today as we embark on this exciting journey into the world of programming with the C language.

C is a widely-used and influential programming language known for its efficiency, low-level control, and flexibility. Understanding C will not only enable you to write efficient and performant code but also serve as a stepping stone to learning other languages and delving deeper into the world of software development..

By the end of this workshop, our goal is for you to feel confident in writing basic C programs and to have a solid understanding of the core concepts that form the foundation of this powerful language.

Sincerely,
Rahul Bharadwaj

Let us use this online compiler

<https://www.programiz.com/c-programming/online-compiler/>

Use this C program as a starting template

```
#include <stdio.h>
```

```
int get_int(const char* prompt) {  
    int input;  
    printf("%s", prompt);  
    scanf("%d", &input);  
    return input;  
}
```

```
int main() {  
    int num = get_int("Enter an integer: ");  
    printf("You entered: %d\n", num);  
    return 0;  
}
```