

What is C Programming?

CHAPTER 1



SURESH TECHS

C PROGRAMMING COURSE



What is

Programming language? &

Operating System?

Operating System

Programming Language

Set of instructions to create a software

It is a **software** that acts as an interface between computer user and computer hardware



• Windows



• Mac



• Ubuntu

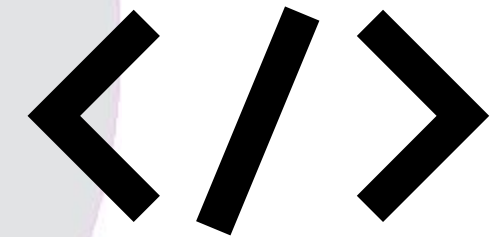
```
#include <stdio.h>
int main() {

    int number1, number2, sum;

    printf("Enter two numbers: ");
    scanf("%d %d", &number1, &number2);

    sum = number1 + number2;

    printf("%d + %d = %d", number1, number2, sum);
    return 0;
}
```



C, C++, Java, **Python**, Php,
Java script, Type script, etc.,

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DISLIKE



SHARE



SAVE



Very important



High level code (language)

A computer(machine) can understand only 0's and 1's

```
0100001010101000100100100010010
1001010010101000010100100010010
1001010101010001001000100010010
0000101010101000101100100010010
0101010001001001000100100010010
1010101011111101000000100010010
0000101010101010100000100010010
0100010010110101010101010101011
1111111110010001001000000101001
0001010101010001001001010010100
0100001010010001001010100010010
1001010010010001001010100001010
1001010101010001001001000100100
0000101010010001001010100010110
0101010001010001001000100100010
1010101011010001001011110100000
0000101010010001001010101010000
1101010101010001001001010101011
1111111110010001001000000101001
0001010101010001001001010010100
```

Machine code

Small test for you

10 + 20 = ? 30

100 + 20 = ? 120

190 + 220 = ? 410

330 + 2020 = ? 2350

5248 + 33982 = ? ?????

A **programmer** is an individual that writes/creates computer software or applications

Programmer(Software Developer)

In Interviews

Write a program

History of C programming

Program

A **program** is a set of instructions that a computer uses to perform a specific function.

```
#include <stdio.h>
int main() {

    int number1, number2, sum;

    printf("Enter two numbers: ");
    scanf("%d %d", &number1, &number2);

    sum = number1 + number2;

    printf("%d + %d = %d", number1, number2, sum);
    return 0;
}
```

COMPILER

Issues

ERRORS

No Issues

```
Enter two numbers: 5248 33982
5248 + 33982 = 39230|
```



What next?

- History of C programming language

