

C output (Print text)

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to output values or print text in C, you can use the `printf()` function.

```
#include <stdio.h>
int main() {
    printf("Hello world");
    return 0;
}
```

you can use as many `printf()` functions as you want. However, note that it does not insert a new line at the end of the output.

you can see or watch example in my video.

```
#include <stdio.h>
// header file library that let us work
// with input and output functions.
```

// => Comments: on `*/` `*/`
these are comments that is used for ignorance of text in compilers in C-
Language.

`"\n"`: "Back slash n":
used for new line in the text output.

`"\t"`: tab: creates horizontal tab.

C-variables:

variables are Containers for storing data values, like numbers, decimals and characters.

there are different types of variables defined, but we will discuss three of them in this Basic course video.

- int - stores Integers (whole numbers), without decimals, such as 123 or -123.
- float - stores floating point numbers, with decimals, such as 19.19 or -19.99.
- char - stores single characters, such as "a" or "B" char values or surrounded by single quotes 'a' or 'B'.

%d is a format specifier for int: a integer
%f is a format specifier for float or floating
%c is a format specifier for character or char

C- Operators:

- + Addition operator
- Subtraction operator
- x multiplication operator
- / or \div Division operator
- % modulus or operator

C- Inputs (scanf):

It can take input from user.

Home work:

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For inter Basic Course:

- Make a Simple Calculator performing 5 operations with taking inputs from yourself.
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buraques Code 24@gmail.com.
buraques Code 24@gmail.com.
- Print Student Details like, Name, Roll no, Caste, Class, Department, also send it to me in gmail.