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Learn C

Discover the fundamentals of programming with this interactive and practical C course. Master the basic syntax of the language and build a solid foundation for your programming journey.

4.6 ★

(5125 reviews)

29 lessons

Beginner level

34.1k

Learners

Statement

AI Help

Welcome

Welcome to the course on learning C.

What will you learn here?

- All the basic concepts of C programming language like - Variables, Strings, Conditions, Arrays, Loops, Functions etc
- By the end of this course, you will be able to write code in C to solve logical real world problems.

Let the fun begin!

Click on Next on the right hand side to start.

codechef.com/learn/course/c/LBCL01/problems/CLB002

Online C++ Compiler

assignment

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Introduction

Let us output an integer in C.

C has a few lines of code which we write in almost all programs. These are the first 2 lines that you see in the program to your right. We are going to learn about them in some time.

For now, read the Line 5: `printf("%d", 12);`

Let's break down this line of code:

- printf:** This is a function in C used for printing or displaying information on the screen.
- "%d":** This is a format specifier. It tells `printf` how to interpret the data it's given. In this case, `%d` is used for integers (whole numbers).
- 12:** This is the actual data you want to print. Here, it's the number 12.

So, when you write `printf("%d", 12);`, it tells the computer to print the integer 12 on the screen.

Note that this line contains a `()` semicolon at the end. Semicolon is mandatory at the end of statements in C.

Click on **Submit** below the IDE to know the result. Then click on next to continue.

Did you like the problem?
1215 users found this helpful

C

```
1 #include <stdio.h>
2
3 int main() {
4
5     printf("%d", 12);
6
7 }
```

Your Output

12

Status: ✓ Perfect answer!

SubmitNext

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Printing a number

In the last problem we saw how to print a number. Now it's your turn to print another number.

Your task is to print the number 20 on the screen.

In the editor, I have written some code for you. But instead of number 20, `__` (underscores) are written.

Delete those underscores and write 20 at that place to complete the code.

Did you like the problem?
54 users found this helpful

C

```
1 #include <stdio.h>
2
3 int main() {
4
5     // Delete __ (underscore) and add 20 at it's place
6     printf("%d", 20);
7
8 }
```

Your Output

20

Status: ✓ Great job, keep it up!

SubmitNext

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MohamaduRiyas/C_PROGRAM/

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CC

Review and Reflect - Print Pract

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AI Help

Arithmetic Operations

We can also perform mathematical operations (like addition, subtraction etc) with `printf()`.

These use the familiar symbols of:

- `+` for addition
- `-` for subtraction
- `*` for multiplication
- `/` for division

To add two number we do this:

```
printf("%d", 21 + 40);
```

The above line of code will output: 61

Again, `printf` is the function we use when we want to print. `"%d"` tells the compiler that we want to print a number. And writing `21 + 40` tells the compiler to add these two number and print the sum.

Task

Try to add 21 and 40 in code and print the result. Remember, we don't need "" (double quotes) when printing numbers.

Comments

Notice that on the editor on the right, the instructions appear in gray color. This is because they are comments and don't affect the code. The way we write comments is by adding `/*` at the start of a line.

Did you like the problem?
379 users found this helpful

👍🗨📧

```
1 #include <stdio.h>
2
3 int main() {
4     // Replace the underscores
5     printf("%d", 21 + 40);
6 }
7
8
9
```

Your Output

61

Status: ✓ You got it right!

SubmitNext

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Solution

AI Help

Printing text

In the last problem, we saw how to print a number(using `printf()`).

To print a number we write this:

```
printf("%d", 42);
```

But to output a text, we do this

```
printf("I love C");
```

This will print **I love C** to the screen. No need to add any `%d` or anything, just the text you want to print inside quotes `"`.

Task

Replace the `__` (underscores) in the editor with the text `"I love C"` to output **I love c**.

Did you like the problem?
332 users found this helpful

👍🗨📧

```
1 #include<stdio.h>
2 int main(){
3     printf("__");
4 }
```

Your Output

I love c

Status: ✓ Well done. It's correct!

SubmitNext

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Review and Reflect - Print Pract x

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Round of 8

Statement

AI Help

Multiple Choice Question

Which line of code will output the string "Hi"?

☐ print(Hi);

☐ print(Hi);

☐ print("Hi");

☒ print("Hi");

Status: ✓ Great job, keep it up!

See Answer

Hide Solution

Correct Answer:
print("Hi");

Submit

Next

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AI Help

Multiple Choice Question

Which line of code will output the sum of 7 and 19?

☐ Print(7 + 19)

☒ printf("%d", 7 + 19);

☐ printf("7 + 19");

☐ printf("%d, 7 + 19);

Status: ✓ Hooray, you did it!

See Answer

Hide Solution

Correct Answer:
printf("%d", 7 + 19);

Submit

Next

Did you like the problem?

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