

C++ Program Design

-- check yourself

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<https://github.com/jjcao-school/c>

Matching

```
>>> num = input('Enter  
a number: ')  
Enter a number: 10  
>>> print(num)  
'10'
```

<https://runestone.academy/ns/books/published/cpp4python/IntroCpp/glossary.html#matching>

comment

header

interpreter

cin

cout

compiler

machine code

#include

dynamically typed

statically typed

directly executes statements in a scripting language without requiring them to have been compiled into machine language

a computer program written in instructions that can be directly executed by a computer's CPU.

Programming language, in which variables must be defined before they are used and cannot change during execution.

Standard input statement in C++.

Matching

comment

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dynamically typed

statically typed

a readable explanation in the source code of a computer program.

Programming language, in which variables need not necessarily be defined before they are used, and can change during execution.

library files that contain a variety of useful definitions. They are imported into any C++ program by using the #include statement.

Standard output statement in C++.

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Tells the preprocessor to treat the contents of a specified file as if they appear in the source program at the point where the directive appears.

Creates an executable program by transforming code written in a high-level programming language into a low-level programming language.