

## Answer on Question #44454- Programming, C++

1. How to learn C++
2. structure of C++
3. how to get document of C++

### Solution.

#### Answer #1

1. You must prepare a good soil - programming environment. At the moment there are a considerable number of programs that allow you to write programs in this language, to implement syntax checking and compile (translate) source code into an executable file (\*.exe). Among them, we note first of all Borland C, Borland C++, Dev-C++, Visual Studio, Eclipse, NetBeans, IDEA.
2. Projects for training need to find yourself. This may be the implementation of some of your own ideas, Open Source projects.
3. And I advise you to find a favourite book and read it until memorize.

#### Answer #2

1. Program With C++ consists of functions, descriptions and preprocessor directives. One of the functions must be named main. The program begins with the first statement of the function. The simplest definition of a function has the following format:

```
return-type name ([ parameters ])
{
    operators that compose the body of the function
}
```

2. As a rule, function is used to calculate a value, so before the function name indicates its type. Below are the most necessary information about the features:

- if the function must not return a value that indicates the type void;
- the body of a function is a block and, therefore, is enclosed in braces;
- functions cannot be nested;
- each statement ends with a semicolon (except compound operator).

3. An example of the structure of the program that contains the main function, f1 and f2:

```
preprocessor directives
descriptions
int main()
{
    the operators of the main function,
}
```

```
int f1()
{
    function statements f1
}
int f2()
{
    operators function f2
}
```

The program can consist of several modules (source files).

### *Answer #3*

It depends on which compiler you use, what operating system.

If you have a development environment (IDE type eg Visual Studio), then there is the process of assembling and compiling passed in menu items.