COMMENTS IN C++

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Program comments are explanatory statements that you can include in the C++ code that you write and helps anyone reading it's source code. All programming languages allow for some form of comments.

C++ supports single-line and multi-line comments. All characters available inside any comment are ignored by C++ compiler.

C++ comments start with /* and end with */. For example:

```
/* This is a comment */

/* C++ comments can  also
 * span multiple lines
 */
```

A comment can also start with //, extending to the end of the line. For example:

```
#include <iostream>
using namespace std;

main()
{
   cout << "Hello World"; // prints Hello World

   return 0;
}
```

When the above code is compiled, it will ignore **// prints Hello World** and final executable will produce the following result:

```
Hello World
```

Within a /* and */ comment, // characters have no special meaning. Within a // comment, /* and */ have no special meaning. Thus, you can "nest" one kind of comment within the other kind. For example:

```
/* Comment out printing of Hello World:

cout << "Hello World"; // prints Hello World

*/
```