

You can also assign a value to a variable during declaration. Here's an example of how to declare and initialize a float variable named "pi" with a value of 3.1416:

```
float pi = 3.1416;
```

2. Comments in C++ Comments are used in programming to add notes or explanations to the code. Comments are ignored by the compiler and do not affect the program's functionality. In C++, there are two types of comments: single-line comments and multi-line comments.

Single-line comments start with `//` and continue until the end of the line. Here's an example of how to use a single-line comment:

```
// This is a single-line comment
```

Multi-line comments start with `/*` and end with `*/`. Here's an example of how to use a multi-line comment:

```
/* This is a multi-line comment
   * that spans multiple lines
   */
```

Multi-line comments are useful for adding detailed explanations or commenting out large sections of code for debugging purposes.

It's good practice to add comments to your code to make it easier to understand and maintain. You can add comments to explain what the code does, how it works, or why it was written that way. Comments can also help other developers who read your code to understand it better.

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