



COMMENTS

Documenting code



COMMENTS

- Comments contain information for people
- The compiler ignores comments
- `//` Comment begins and goes to the end of the line
- `/*` Comment continues until terminated (may span line) with `*/`
- C++ does not have `/**` java doc comments `*/`

One rule for comments:

There is only one strict rule all programmers agree on about comments: comments must make a program easier to understand.



USING COMMENTS

- Use inline comments judiciously
- Add block comments above programs, functions or a sequence of complex statements
- Be careful with nested comments
- Keep lines a reasonable length – don't just keep scrolling

```
// /* some comment that  
    spans some lines */
```

```
/* statement1;  
statement2; /* begin comment */  
statement3;*/
```



COMMENTS AS A DEBUGGING TOOL

```
statement1;  
statement2; // does something neat  
statement3;  
statement4;
```

```
/*statement1;  
statement2; // does something neat  
statement3;  
statement4;*/
```



VISUAL STUDIO COMMENT “TRICK”

- Comment Out Code
 - Highlight a block of code by dragging the left mouse button across the desired text
 - Enter the key sequence Ctrl-K followed by Ctrl-C
- Restoring Commented Out Code
 - Highlight the commented out code, including the comments
 - Enter the key sequence Ctrl-K followed by Ctrl-U