

2. C FUNDAMENTALS

Example: Printing a Message

```
/* illustrates comments, strings, and the printf
   function */
#include <stdio.h>
int main(void)
{
    printf("To C, or not to C: ");
    printf("that is the question.\n");
    return 0;
}
```

Comments

- Begin with `/*` and end with `*/`.

```
/* This is a comment */
```

- May extend over more than one line.

```
/* This comment starts on one line,  
   but ends on another. */
```

- Warning: Failing to close a comment will cause the compiler to ignore part of your program.

```
printf("Hello"); /* forgot to close this comment...
```

```
...
```

```
printf("Goodbye"); /* so it ends here */
```

- In C99, comments can also be written this way:

```
// This is a comment.
```

This type of comment is terminated by the end of the line.