

C Escape Sequences Reference

Standard escape sequences used in the C programming language.

Escape	Meaning
\a	Alert (bell)
\b	Backspace
\f	Form feed
\n	Newline
\r	Carriage return
\t	Horizontal tab
\v	Vertical tab
\\	Backslash
\'	Single quotation mark
\"	Double quotation mark
\?	Question mark
\0	Null character, that is a zero and not an OH
\ooo	Octal character value
\xhh	Hexadecimal character value
\uhhhh	Unicode character name
\Uhhhhhhhh	Unicode character name (32-bit)

Example

```
printf("First Line\\nSecond Line\\n");
```

The \n escape sequence moves output to the next line.

```
#include <stdio.h>
int main(void)
{
    char octalA = '\101'; // same as char octalA = 'A'; 65
    char octalB = '\102'; // same as char octalB = 'B'; 66
    char hexA = '\x41';   // same as char hexA = 'A'; 65
    char hexB = '\x42';   // same as char hexB = 'B';
    printf("Octal: %c %c\n", octalA, octalB);
    printf("Hex:  %c %c\n", hexA, hexB);
    return 0;
}
Octal: A B
Hex:  A B
```

Notes

Escape sequences begin with a backslash and are used inside character and string literals.