<span class="hljs-comment">// Unicode literals</span>

<span class="hljs-keyword">auto</span> str = <span class="hljs-string">"Hello regular string"</span>;

<span class="hljs-keyword">auto</span> utf8 = <span class="hljs-string">u8"Hello utf-8 string"</span>;

<span class="hljs-keyword">auto</span> utf16 = <span class="hljs-string">u"Hello utf-16 string"</span>;

<span class="hljs-keyword">auto</span> utf32 = <span class="hljs-string">U"Hello utf-32 string"</span>;

<span class="hljs-comment">// Wide-character strings</span>

<span class="hljs-keyword">auto</span> wide\_char = <span class="hljs-string">L"Hello wchar\_t string"</span>;

<span class="hljs-keyword">auto</span> lr = <span class="hljs-string">LR"(Hello

world)"</span>;

<span class="hljs-comment">// character literals</span>

<span class="hljs-keyword">auto</span> wide\_char = <span class="hljs-string">L'H'</span>;

<span class="hljs-keyword">auto</span> cr = <span class="hljs-string">'\n'</span>;

<span class="hljs-keyword">auto</span> chr = <span class="hljs-string">'H'</span>;

<span class="hljs-keyword">auto</span> utf8 = <span class="hljs-string">u8'H'</span>;

<span class="hljs-keyword">auto</span> utf16 = <span class="hljs-string">u'H'</span>;

<span class="hljs-keyword">auto</span> utf32 = <span class="hljs-string">U'H'</span>;

<span class="hljs-keyword">auto</span> unicode = <span class="hljs-string">L'\u202e'</span>

<span class="hljs-keyword">auto</span> hex = <span class="hljs-string">'\xFF'</span>

<span class="hljs-keyword">auto</span> octal = <span class="hljs-string">'\123'</span>

<span class="hljs-comment">// Raw string literals (multiline)</span>

<span class="hljs-keyword">auto</span> char\_multi = <span class="hljs-string">R"(Hello

"normal"

multiline

string.)"</span>;

<span class="hljs-keyword">auto</span> utf8\_multi = <span class="hljs-string">u8R"(Hello

"utf-8"

multiline

string)"</span>;

<span class="hljs-keyword">auto</span> utf16\_multi = <span class="hljs-string">uR"(Hello

"utf-16"

multiline

string)"</span>;

<span class="hljs-keyword">auto</span> utf32\_multi = <span class="hljs-string">UR"(Hello

"utf-32"

multiline

string)"</span>;

<span class="hljs-comment">// Raw string literals with delimiter (multiline)</span>

<span class="hljs-keyword">auto</span> char\_multi = <span class="hljs-string">R"blah1(Hello

"normal"

multiline

)"

)blah"

string.)blah1"</span>;

<span class="hljs-keyword">auto</span> utf8\_multi = <span class="hljs-string">u8R"blah2(Hello

"utf-8"

multiline

)"

)blah"

string)blah2"</span>;

<span class="hljs-keyword">auto</span> utf16\_multi = <span class="hljs-string">uR"blah3(Hello

"utf-16"

multiline

)"

)blah"

string)blah3"</span>;

<span class="hljs-keyword">auto</span> utf32\_multi = <span class="hljs-string">UR"blah4(Hello

"utf-32"

multiline

)"

)blah"

string)blah4"</span>;

<span class="hljs-comment">// Meta strings</span>

<span class="hljs-meta">#<span class="hljs-meta-keyword">include</span> <span class="hljs-meta-string">&lt;stdio&gt;</span></span>

<span class="hljs-meta">#<span class="hljs-meta-keyword">include</span> <span class="hljs-meta-string">"lib.h"</span></span>