```
/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference, 2nd Edition"
 * by Nicolai M. Josuttis, Addison-Wesley, 2012
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 * warranty, and with no claim as to its suitability for any purpose.
 */
#include <locale>
#include <string>
#include <vector>
// convert string to wstring
std::wstring to wstring (const std::string& str,
                             const std::locale& loc = std::locale())
   std::vector<wchar t> buf(str.size());
   std::use facet < std::ctype < wchar t >> (loc). widen (str. data(),
                                                          str. data()+str. size(),
                                                          buf.data());
   return std::wstring(buf.data(), buf.size());
}
// convert wstring to string with '?' as default character
std::string to_string (const std::wstring& str,
                          const std::locale& loc = std::locale())
   std::vector<char> buf(str.size());
   std::use facet < std::ctype < wchar t >> (loc).narrow(str.data(),
                                                            str. data()+str. size(),
                                                            '?', buf.data());
   return std::string(buf.data(), buf.size());
```