```cpp
#include <iostream>
#include <string>
#include <algorithm>
#include <functional>

int main()
{
  std::string in = "Lorem ipsum dolor sit amet, consectetur adipiscing elit,"
    " sed do eiusmod tempor incididunt ut labore et dolore magna aliqua";

  std::string needle = "pisci";

  auto it = std::search(in.begin(), in.end(),
      std::boyer_moore_horspool_searcher(
        needle.begin(), needle.end()));

  if(it != in.end())
    std::cout << "The string " << needle << " found at offset "
      << it - in.begin() << '\n';

  else
    std::cout << "The string " << needle << " not found\n";
}
```