```cpp
/* 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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 */
#include <unordered_set>
#include <iostream>
#include "buckets.hpp"

int main()
{
    // create and initialize an unordered set
    std::unordered_set<int> intset = { 1, 2, 3, 5, 7, 11, 13, 17, 19 };
    printHashTableState(intset);

    // insert some additional values (might cause rehashing)
    intset.insert({-7, 17, 33, 4});
    printHashTableState(intset);
}
```