```
/* The following code example is taken from the book
 * "The C++ Standard Library - A Tutorial and Reference"
 * by Nicolai M. Josuttis, Addison-Wesley, 1999
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 * warranty, and with no claim as to its suitability for any purpose.
//#define mem_fun1 mem_fun
#include <iostream>
#include <vector>
#include <string>
#include <algorithm>
#include \( functional \)
class Person {
  private:
    std::string name;
  public:
    //...
    void print () const {
         std::cout << name << std::endl;</pre>
    void printWithPrefix (std::string prefix) const {
         std::cout << prefix << name << std::endl;</pre>
};
void foo (const std::vector<Person>& coll)
    using std::for_each;
    using std::bind2nd;
    using std::mem fun ref;
    // call member function print() for each element
    for each (coll.begin(), coll.end(),
               mem fun ref(&Person::print));
    // call member function printWithPrefix() for each element // - "person: " is passed as an argument to the member function
    for each (coll.begin(), coll.end(),
               bind2nd (mem fun ref (&Person::printWithPrefix),
                         "person: "));
}
void ptrfoo (const std::vector<Person*>& coll)
                                             pointer!
{
    using std::for each;
    using std::bind2nd;
    using std::mem fun;
```