```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 <algorithm>

// function that compares two pointers by comparing the values to which they
point
bool int_ptr_less (int* a, int* b)
{
    return *a < *b;
}

int main()
{
    int x = 17;
    int y = 42;
    int z = 33;
    int* px = &x;
    int* py = &y;
    int* pz = &z;

    // call max() with special comparison function
    int* pmax = std::max (px, py, int_ptr_less);

    // call minmax() for initializer list with special comparison function
    std::pair<int*,int*> extremes = std::minmax ({px, py, pz},
                                                 int_ptr_less);
    //...
}
```