

Lab 3.2.1 Vectors and pointers: first try

Objectives

Familiarize the student with:

- declaring pointer variables;
- assigning values to pointer variables;
- using incrementation to move the pointer through adjacent memory locations.

Scenario

Look at the code below. It doesn't look scary, right?

Your task doesn't look scary either – you just have to find the smallest element in the vector. But there's one condition – you mustn't use indexing. In other words, using brackets in your code is strictly prohibited.

Hint: You may use as many pointers as you wish.

Forgive us that we don't show you any sample output. We would much rather see your code – it's much more interesting.

```
using namespace std;

int main(void) {

    int vector[] = { 3, -5, 7, 10, -4, 14, 5, 2, -13 };
    int n = sizeof(vector) / sizeof(vector[0]);

    // Insert your code here

    return 0;
}
```