

● Lab 1-1: Find Min and Max numbers

*주의: program에 “이름, 학번, 프로그램ID(ex. Lab1) 표기 할것.

1) **Data:** 10개의 정수로 데이터 구성.

(예: 90, 40, 60, 10, 50, 80, 20, 70, 15, 25)

2) **Output:** Minimum number is 10 at position 4,
Maximum number is 90 at position 1

● 알고리즘 참조

```
int main(){
.....
int data[] = {90, 40, 60, 10, 50, 80, 20, 70, 30, 25}; // data

int minnum = findMin(data, size);
cout << "Min number is " << min << " at position " << pos << endl;

int maxnum = findMax(data, size);
cout << "Max number is " << max << " at position " << pos << endl;
.....
}

int findMin(int data[], int n) {
    int min = data[0];           // first data
    for (int i = 1; i < n; i++)
        if (data[i] < min) {
            min = data[i];       save min position;
        }
    return min;
}
```