세계 속의 빛
이공계 대학

Computer Programming

Lab8

May 16, 2025

GIST
Gwangju Institute of Science and Technology

Submission

- **Submit to server**

Lab #

Class #

At the end of the Lab8, submit your C sources file by typing

~gs1401/bin/submit Lab8_5 ex8_3.c ex8_extra1.c ex8_extra2.c // by Fri. 13:50

You may check that you have submitted your source code correctly by typing

~gs1401/bin/submit -check

Ex3

- Enter 10 integers from the user, store them in an array, and then print the sum of all elements.

Ex3

- **Program output**

```
[ohyong@cse ~/cp/Lab8]$ vi ex8_3.c
[ohyong@cse ~/cp/Lab8]$ gcc ex8_3.c -o ex8_3
[ohyong@cse ~/cp/Lab8]$ ./ex8_3
1 2 3 4 5 6 7 8 9 10
55
```

```
[ohyong@cse ~/cp/Lab8]$ ./ex8_3
1 2 3 4 5 -6 -7 -8 -9 -10
-25
```

Extra1

- Enter 10 integers from the user, store them in an array, and then print the largest and smallest numbers.

Extra1

- **Program output**

```
[ohyong@cse ~/cp/Lab8]$ vi ex8_extra1.c
[ohyong@cse ~/cp/Lab8]$ gcc ex8_extra1.c -o ex8_extra1
[ohyong@cse ~/cp/Lab8]$ ./ex8_extra1
1 2 3 4 5 6 7 8 9 10
10 1
```

```
[ohyong@cse ~/cp/Lab8]$ ./ex8_extra1
5 7 -1 -3 6 30 -3 2 10 7
30 -3
```

Extra2

- Input 5 integers from the user, store them in an array, and then print them in the reverse order of the input order.

Extra2

- **Program output**

```
[ohyong@cse ~/cp/Lab8]$ vi ex8_extra2.c
[ohyong@cse ~/cp/Lab8]$ gcc ex8_extra2.c -o ex8_extra2
[ohyong@cse ~/cp/Lab8]$ ./ex8_extra2
1 2 3 4 5
5 4 3 2 1
```

```
[ohyong@cse ~/cp/Lab8]$ ./ex8_extra2
0 -1 -2 -3 -4
-4 -3 -2 -1 0
```