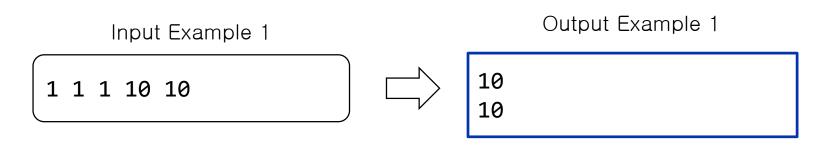
C Programming & Lab

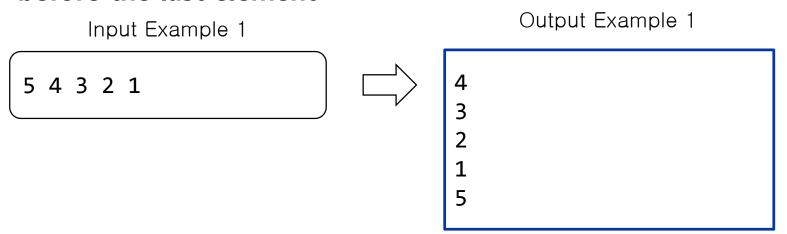
8. Arrays

Sejong University

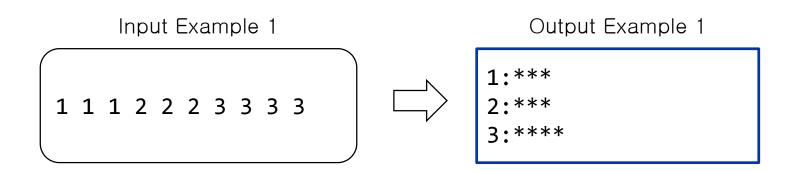
- Read 5 integers and store them in an array
- Compute the average of the 5 integers
- Print all the integers that are greater than the average value



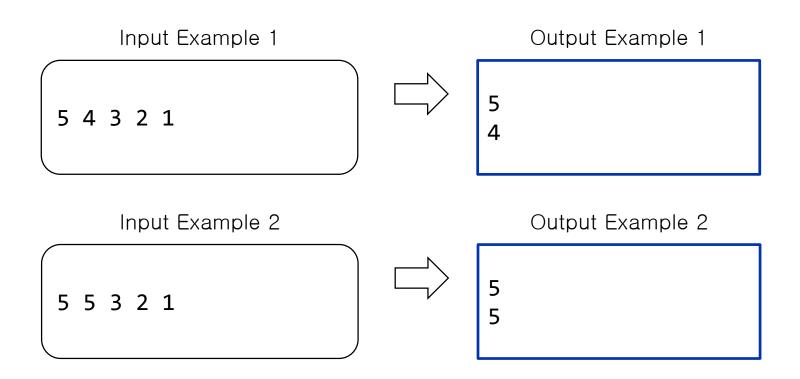
- Read 5 integers and store them in an array
- Compare the first element and the second element
- If the first element is greater than the second element, swap them
- Repeat the above from the first element to the element right before the last element



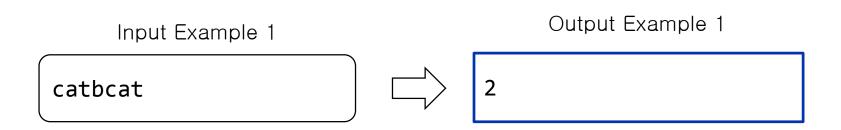
- Read 10 integers (1, 2, or 3) and store them in an array
- Count the number of integers in an array
- Print * the number of times each integer appears



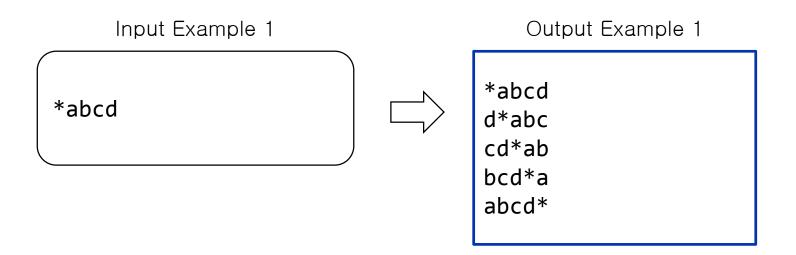
- Read 5 integers and store them in an array
- Print the biggest number and the second biggest number



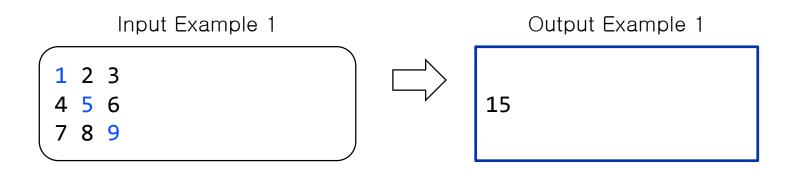
- Read 7 characters and store them in an array
- Print how many times 'cat' appears



- Read 5 characters and store them in an array
- Print the characters as shown below (shifting one letter)



- Read 9 integers and store them in a 3x3 array
- Compute and print the sum of diagonal elements



- Read 3 numbers between 0 and 5, print the corresponding word
- Hint: Use 2 dimensional array

Number	Word	
0	ZERO-	
1	ONE	
2	TWO	
3	THREE	
4	FOUR-	
5	FIVE-	

Input Example 1

Output Example 1

ONE-THREE
FIVE-

- Declare a 2 dimensional array
- Read and store 3 students' C programming and Physics scores
- Compute and print the sum of each student's C programming and Physics scores.

	C programming	Physics
Student A	10	20
Student B	30	40
Student C	50	60

