

1. Write a C program to swap two numbers using pointers and functions.

Example

Input

Input num1: 10

Input num2: 20

Output

Values after swapping:

Num1 = 20

Num2 = 10

2. Write a C program to input elements in an array and print array using pointers.

Example

Input

Input array size: 10

Input elements: 1 2 3 4 5 6 7 8 9 10

Output

Array elements: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10

3. Write a C program to swap corresponding elements of two arrays using pointers.

Example

Input

Input first array: 10 20 30 40 50 60 70 80 90 100

Input second array: 0 9 8 7 6 5 4 3 2 1

Output

First array after swapping: 0 9 8 7 6 5 4 3 2 1

Second array after swapping: 10 20 30 40 50 60 70 80 90 100

4. Write a C program to input elements in an array and reverse the array using pointers.

Example

Input

Input array elements: 10 20 30 40 50 60 70 80 90 100

Output

Reversed array: 100 90 80 70 60 50 40 30 20 10

5. Write a C program to input elements in array and search an element in array using pointers.

Example

Input

Input array elements: 10 20 30 40 50 60 70 80 90 100

Input element to search: 25

Output

25 does not exists in array.

6. Write a program in C to sort an array using Pointer.

Example

Input

Input the number of elements to store in the array: 5

Input 5 number of elements in the array:

element - 1 : 25

element - 2 : 45

element - 3 : 89

element - 4 : 15

element - 5 : 82

Output

The elements in the array after sorting:

element - 1 : 15

element - 2 : 25

element - 3 : 45

element - 4 : 82

element - 5 : 89