

1. If the input array is [10, 12, 20, 30, 25, 40, 32, 31, 35, 50, 60], your program should be able to find that the subarray lies between the indexes 3 and 8.

Output: 30,25,40,32,31,35

2. Take an array of 10 elements. Split it into the middle and store the elements in two different arrays. E.g.-

INITIAL array :

1 2 3 4 5 6 7 8 9 10

After splitting :

Array 1 : 1 2 3 4
5

Array 2 : 6 7 8 9
10

3. Write a program to shift every element of an array to circularly right. E.g.-

INPUT : 1 2 3 4 5

OUTPUT : 5 1 2 3 4

4 5 1 2 3

3 4 5 1 2

2 3 4 5 1

1 2 3 4 5

4. Write a program to find all pairs on an integer array whose sum is equal to a given number?

Eg :

Input : 1 2 4 5 3 6 3 7

Output: 3, 3 and 4, 2

6,1 and 4 , 3