

1. Program 1:

Write a program to find even numbers from the array

Input : [1,2,3,4,6,8,10]

Output : 2 4 6 8 10

2. Program 2:

Write a program to find odd numbers from the array

Input : [1,2,3,5,7,9,12]

Output : 1 3 5 7 9

3. Program 3:

Write a program to find prime number from the given array

Input : [1,3,2,7,9,10,12]

Output : 2 3 7

4. Program 4:

Write a program to sum alternate number from the given array

Input : [1,2,3,4,5,6,7]

Output : 16 /// 1 + 3 + 5 + 7

5. Program 5:

Write a program to find the occurrence of a given number from the array

Input : [1,2,3,4,4,5,6,7]

Occurrence count of number = 4

Output: 2

6. Program 6:

Write a program to find min and max from the given array

Input : [1,43,65,71,89,55]

Output : min = 1

max = 89

7. Program 7:

Write a program to search a given element and prints its index

Input : [1,2,43,5,66,87,9]

Search = 43

Output : index = 2

8. Program 8:

Write a program to reverse a array

Input : [1,2,3,4,5]

Output : [5,4,3,2,1]

9. Program 9:

Write a program to find duplicates from the array

Input : [1,1,3,4,5,6,6]

Output : 1 6

10. Program 10

Write a program to swap two consecutive numbers in the array

Input : [1,2,3,4,5,6,7,8]

Output:[2,1,4,3,6,5,8,7]