

Assignment05

Sept22/ C/Assignment05
C Programming
Diploma in Advance Computing
September 2022

1. Write a program to find max element from an array of 10 elements. Accept the array values from user.
2. Write a program to search an element in the array using function.(accept number to search from user)
3. Write a program to find and print the prime numbers from a given array.
Ex- Input – int arr[]={ 5,10,12,13,17,45,23,22};
Output – 5,13,17,23
4. Write a program to find the index of an array element.
5. Write a program to sort array elements.
6. Write a program to reverse array element.
7. Write a program to find the number of even and odd integers in a given array of integer.
8. Write a program to copy one array values into another in the reverse order.
9. Write a program which performs the following tasks-
 - Initialize an integer array of 10 elements in main()
 - Pass the entire array to a function modify()
 - In modify () multiply each element of array by 3
 - Return the control to main() and print the new array elements in main()
- ✓ 10. Write a program using pointers to find the smallest number in an array of 25 integers.
11. If an array **arr** contains n elements, then write a program to check if **arr[0]=arr[n-1], arr[1]=arr[n-2]** and so on.
12. Write a program to remove duplicate elements from an array.