

## Assignment 18 – Arrays

---

1. Write a program to calculate the sum of numbers stored in an array of size 10. Take array values from the user.
2. Write a program to calculate the average of numbers stored in an array of size 10. Take array values from the user.
3. Write a program to calculate the sum of all even numbers and the sum of all odd numbers, which are stored in an array of size 10. Take array values from the user.
4. Write a program to find the greatest number stored in an array of size 10. Take array values from the user.
5. Write a program to find the smallest number stored in an array of size 10. Take array values from the user.
6. Write a program to sort elements of an array of size 10 in ascending order. Take array values from the user.
7. Write a program to find the second largest number in an array. Take array values from the user.
8. Write a program to find the second smallest number in an array. Take array values from the user.
9. Write a program to sort an array of 10 elements in descending order.
10. Write a program in C to copy the elements of one array into another array. Take array values from the user.