Assignment of Subjective questions

1. Write a C program to declare, initialize, input elements in array and print array.

Sample Output

Enter size of array: 10

Enter 10 elements in the array :

1

2

3

4

5

6

7

8

9

10

Elements in array are:

1

2

3

4

5

6

7

8

9

10

2. Write a C program to input elements in array and print all negative elements.

Sample Output

Enter size of the array : 10

Enter elements in array :

-1

-10

100

5

61

-2

-23

8

-90

51

All negative elements in array are :

-1 -10 -2 -23 -90

3. Write a C program to read elements in an array and find the sum of array elements.

Sample Output

Enter size of the array: 5

Enter 5 elements in the array:

10

20

30

40

50

Sum of all elements of array = 150

4. Write a C program to input elements in an array from user, find maximum and minimum element in array.

Sample Output

Enter size of the array: 5

Enter elements in the array:

10

50

12

16

2

Maximum element = 50

Minimum element = 2

5. Write a C program to find largest and second largest element in an array.

Sample Output

Enter size of the array (1-1000): 10

Enter elements in the array:

-7

2

3

8

6

6

75

38

3

2

First largest = 75

Second largest = 38

6. Write a C program to input elements in array from user and count even and odd elements in array.

Sample Output

Enter size of the array: 9

Enter 9 elements in array:

1

2

3

4

5

6

7

8

9

Total even elements: 4

Total odd elements: 5

7. Write a C program to input elements in array and count negative elements in array.

Sample Output

Enter size of the array : 10

Enter elements in array :

10

-2

5

-20

1

50

60

-50

-12

-9

Total negative elements in array = 5

8. Write a C program to input elements in array and copy all elements of first array into second array.

Sample Output

Enter the size of the array : 10

Enter elements of source array :

10

1

95

30

45

12

60

89

40

-4

Elements of source array are : 10 1

95 30 45 12 60

89 40 -4

Elements of dest array are : 10 1 95

30 45 12 60 89

40 -4

9. Write a C program to insert element in array at specified position.

Sample Output

Enter size of the array : 5

Enter elements in array :

10

20

30

40

50

Enter element to insert : 25

Enter the element position : 3

Array elements after insertion : 10 20

25 30 40 50

10. Write a C program to delete element from array at specified position.

Sample Output

Enter size of the array : 5

Enter elements in array :

10

20

30

40

50

Enter the element position to delete : 2

Elements of array after delete are :

10

30

40

50