Content 29

Program For Reversing Array in C

#include <stdio.h>

void reverse(int array[])

{    //Logic for swapping the elements of array till 4.

    for (int i = 0; i < 7/2; i++)

    {

        int temp;

        temp=array[i];

        array[i]=array[6-i];

        array[6-i]=temp;

    }

}

int main()

{

    int array[] = {1, 2, 3, 4, 5, 6, 67};

    printf("\nBefore Reversing Array\n");

    for (int i = 0; i < 7; i++)

    {

        printf("The %d element of Array is: %d \n", i, array[i]);

    }

    reverse(array);

    printf("\nAfter Reversing Array\n");

    for (int i = 0; i < 7; i++)

    {

        printf("The Value at %d element is: %d \n",i,array[i]);

    }

    return 0;

}

**Output:**

Before Reversing Array

The 0 element of Array is: 1

The 1 element of Array is: 2

The 2 element of Array is: 3

The 3 element of Array is: 4

The 4 element of Array is: 5

The 5 element of Array is: 6

The 6 element of Array is: 67

After Reversing Array

The Value at 0 element is: 67

The Value at 1 element is: 6

The Value at 2 element is: 5

The Value at 3 element is: 4

The Value at 4 element is: 3

The Value at 5 element is: 2

The Value at 6 element is: 1

First we had to Run this program in IDE so to Understand or might we would get better beauty of code in IDE except this document.

Code is very simple to understand and also gives better logic in front of us or increase our knowledge.