

Q.2. Write a Program that Stores Five Values in an Array. It Sorts the Array Using Bubble Sort. It also Displays the Values of Unsorted and Sorted Array.

```
#include<iostream.h>
#include<conio.h>
void main( )
{
    int arr[5], i, j, temp;
    for(i = 0; i < 5; i++)
    {
        cout << "Enter Value: ";
        cin >> arr[i];
    }
    cout << "The Original Values in Array:\n";
    for(i = 0; i < 5; i++)
        cout << arr[i] << " ";
    for(i = 0; i < 5; i++)
        for(j = 0; j < 4; j++)
            if(arr[j] > arr[j + 1])
            {
                temp = arr[j];
                arr[j] = arr[j + 1];
                arr[j + 1] = temp;
            }
    cout << "\n The Sorted Array:\n";
    for(i = 0; i < 5; i++)
        cout << arr[i] << " ";
    getch();
}
```

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