

Q.1. Write a Program that Gets Five Inputs from the User in an Array and then Sorts this Array in Ascending Order.

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

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