

**Q. Read 10 numbers and sort them in assending order**

```
#include<stdio.h>
```

```
int main(){
    int arr[10];
    int n = 5, temp;

    printf("Enter an array of 5: ");
    for (int i = 0; i < n; i++){
        scanf("%d", &arr[i]);
    }
    int smallest = arr[0];
    for (int a = n - 1; a >= 0; a--){
        for (int i = 0; i <= a; i++){
            if (i > 0){
                if (arr[i] < arr[i-1]){
                    temp = arr[i-1];
                    arr[i-1] = arr[i];
                    arr[i] = temp;
                }
            }
        }
    }

    for (int i = 0; i < n; i++){
        printf("%d ", arr[i]);
    }

    return 0;}
```