

BIMAL PARAJULI
20BDS0405
Continuous Assessment Test-1
17th June 2021
As Assignment 2

C Program to reverse an array using functions, pointers.

```
#include<stdio.h>
void maxmin(int *arr,int *max,int *min,int a);
int main(){
    int n;
    int max,min;
    scanf("%d",&n);
    int arr[n];
    for(int i =0;i<n;i++) scanf("%d",&arr[i]);
    maxmin(arr,&max,&min,n);
    printf("%d\n%d",min,max);
    return 0;
}
void maxmin(int *arr,int *max,int *min,int a){
    *max = 0;
    for(int i=0;i<a;i++){
        if(arr[i]>*max) *max=arr[i];
    }
    *min = *max;
    for(int i=0;i<a;i++){
        if(arr[i]<*min) *min=arr[i];
    }
    return;
}
```



Your code has Passed Execution!

```
#include<stdio.h>
void maxmin(int *arr,int *max,int *min,int a);
int main(){
    int n;
    int max,min;
    scanf("%d",&n);
    int arr[n];
    for(int i =0;i<n;i++) scanf("%d",&arr[i]);

    maxmin(arr,&max,&min,n);
    printf("%d\n%d",min,max);
    return 0;

}
void maxmin(int *arr,int *max,int *min,int a){
    *max = 0;
    for(int i=0;i<a;i++){
        if(arr[i]>*max) *max=arr[i];
    }
    *min = *max;
    for(int i=0;i<a;i++){
        if(arr[i]<*min) *min=arr[i];
    }
    return;
}
```