

Terminal

functionptr.cc x

```
#include <stdio>
#include <stdlib>
#include <iostream>
using namespace std;

void Asc(int a[],int n)
void Dsc(int a[],int n)
void sort(void (*ptr)(int a[],int n),int a[],int n)
{
    cout<<"Enter next number: ";
    string s;
    cin>>s;

    if(s=="Asc")
    {
        ptr = Asc;
        Asc(a,n);
    }
    if(s=="Dsc")
    {
        ptr = Dsc;
        Dsc(a,n);
    }
}

/*void Array(int *k,int n)
{int n;
    cout << "\n\nEnter next number: ";
    for (int i = 0; i < n; i++)
    {
        cout << i << ": " << k[i] << endl;
    }
    cout << endl;
}*/
```

akhil@akhil-VirtualBox: ~

```
Enter next number: 44
Enter next number: 9
Enter next number: 100
Enter next number: 86
Enter next number: 4569
Enter next number: -5
Enter Asc for ascended list or Dsc for descended list
Asc
Signature of Function: void Asc(int a[],int n);
9,44,86,100,4569,akhil@akhil-VirtualBox:~$
akhil@akhil-VirtualBox:~$ ./a.out
Enter next number: 23
Enter next number: 56
Enter next number: 88
Enter next number: 9995
Enter next number: 4322
Enter next number: -5
Enter Asc for ascended list or Dsc for descended list
Dsc
Signature of Function: void Dsc(int a[],int n);
9995,4322,88,56,23,akhil@akhil-VirtualBox:~$ eog MyScreenshot.png
akhil@akhil-VirtualBox:~$
```



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