

```
/*sorting*/
```

```
/*desending of array by func*/
```

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

```
void sorting(int a1[],int n1);
```

```
int main()
```

```
{
```

```
    int n,i;
```

```
    printf("enter the value of n\n");
```

```
    scanf("%d",&n);
```

```
    int a[n];
```

```
    printf("enter the values for array\n");
```

```
    for(i=0;i<n;i++)
```

```
    {
```

```
        scanf("%d",&a[i]);
```

```
    }
```

```
    sorting(a,n);
```

```
    return 0;
```

```
}
```

```
void sorting(int a1[],int n1)
```

```
{
```

```
    int i,j,temp;
```

```
    for(i=0;i<n1;i++)
```

```
    {
```

```
        for(j=i+1;j<n1;j++)
```

```
        {
```

```
            if(a1[i]<a1[j])
```

```
            {
```

```
                temp=a1[i];
```

```
                a1[i]=a1[j];
```

```

        a1[j]=temp;
    }
}

printf("desending order is\n");
for(i=0;i<n1;i++)
{
    printf("%d\t",a1[i]);
}
}

```

The screenshot shows a Windows command prompt window titled "C:\Users\HP\OneDrive\Desktop\New folder (3)\sorting(desending array)by func.exe". The user enters the value of n as 5 and then enters the values for the array: 10, 80, 60, 30, 10. The output shows the array in descending order: 80, 60, 30, 10. The program exits after 10.14 seconds with a return value of 0.

```

C:\Users\HP\OneDrive\Desktop\New folder (3)\sorting(desending array)by func.exe
enter the value of n
5
enter the values for array
10
80
60
30
10
desending order is
80    60    30    10
-----
Process exited after 10.14 seconds with return value 0
Press any key to continue . . .

```