

1. WAP to input 20 numbers and sort them into ascending order.

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a[20],i,j,temp;
for(i=0;i<20;i++)
{
printf("Enter any number");
scanf("%d",&a[i]);
}
for(i=0;i<20;i++)
{
for(j=0;j<20;j++)
{
if(a[i]>a[j])
{
temp=a[i];
a[i]=a[j];
a[j]=temp;
}
}
}
printf("Sorting of given numbers in ascending order are");
for(i=0;i<20;i++)
{
printf("%d",a[i]);
}
getch();
}
```

2. WAP to input nth numbers and sort them into ascending order.

```
#include<stdio.h>
#include<conio.h>
void main()
{
int a[200],i,j,temp,n;
printf("Enter any Number");
scanf("%d",&n);
for(i=0;i<n;i++)
{
printf("Enter any number");
scanf("%d",&a[i]);
}
for(i=0;i<n;i++)
{
for(j=0;j<n;j++)
{
if(a[i]>a[j])
{
temp=a[i];
a[i]=a[j];
a[j]=temp;
}
}
}
printf("Sorting of given numbers in ascending order are");
for(i=0;i<n;i++)
{
printf("%d",a[i]);
}
getch();
}
```

Homework:

3. WAP to input 20 numbers and sort them into descending order.

4. WAP to input nth numbers and sort them into descending order.