

AIM : To Write a Program in C++ that initialize an array of a given 10 real numbers. The program should sort the number in ascending order using bubble sort method. It should print the given list of numbers as well as sorted list.

CODING :

```
#include<iostream.h>

#include<conio.h>

void main()

{

int i,a[10],temp,j;

clrscr();

cout<<"Enter any 10 num in array: \n";

for(i=0;i<=10;i++)

{

cin>>a[i];

}

cout<<"\nData before sorting: ";

for(j=0;j<10;j++)

{

cout<<a[j];

}

for(i=0;i<=10;i++)

{

for(j=0;j<=10-i;j++)

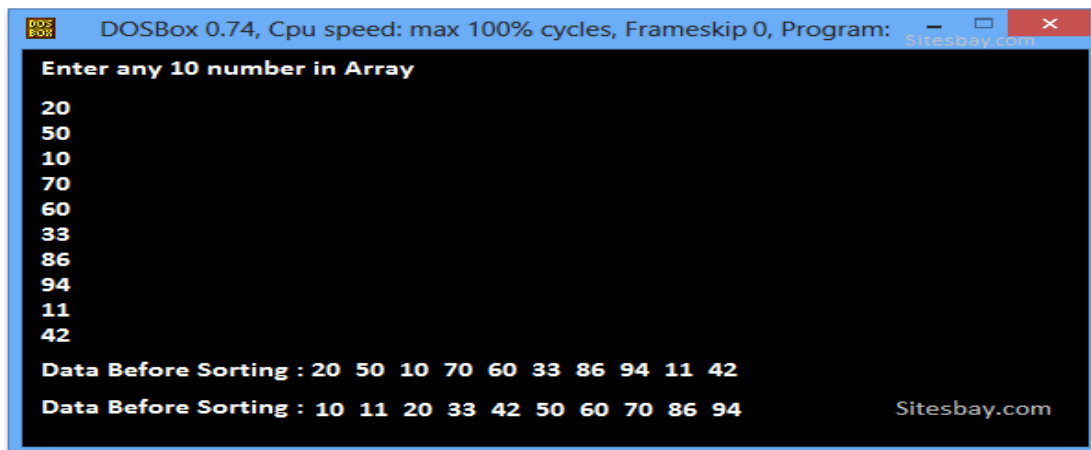
{
```

```

if(a[j]>a[j+1])
{
temp=a[j];
a[j]=a[j+1];
a[j+1]=temp;
}
}
}
cout<<"\nData after sorting: ";
for(j=0;j<10;j++)
{
cout<<a[j];
}
getch();
}

```

OUTPUT:



```

DOSBox 0.74, Cpu speed: max 100% cycles, Frameskip 0, Program: Sitesbay.com
Enter any 10 number in Array
20
50
10
70
60
33
86
94
11
42
Data Before Sorting : 20 50 10 70 60 33 86 94 11 42
Data Before Sorting : 10 11 20 33 42 50 60 70 86 94
Sitesbay.com

```