```cpp
#include <iostream>

using namespace std;

int main () {


int i, j,temp,pass=0,num;

int a[11] = {10,2,0,14,43,25,18,1,5,45};

cout<<"Input list.....\n";

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

{

    cout<<a[i]<<"\t";
```

```cpp
}

cout<<"end";

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

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

    {

        if (a[j] < a[i])

        {

        temp=a[i];

        a[i]=a[j];

        a[j]=temp;

        }
```

```cpp
        }

    pass++;

    }

    cout <<"Sorted Element list...\n";

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

    {

       cout <<a[i]<<"\t";

    }

    cout<<"\n";

     cout <<"enter your number...\n";

     cin>>num;
```

```cpp
 a[10]=num;

 for ( i = 0; i < 11; i++)

 {

    cout <<a[i]<<"\t";

    cout<<"\n Number of passes taken to
sort thr list:<<pass<<end1";

 }

return 0;
```