```cpp
int main()
{
    int arr[]={10,9,9,7,7,6,4,2};
    int i=0, SHORT_RES=0, j=0, n=sizeof(arr)/sizeof(arr[0]);
    cout<<"Arreglo a ordenar: ";
    for(i=0; i<n; i++)                              n
    {
        cout<<arr[i]<<;                             n-1
    }
    cout<<endl;
    for(i=1; i<n; i++)                              n
    {
        SHORT_RES=arr[i];                           n-1
        j=i-1;                                      n-1
        while(j>=0 && arr[j]>SHORT_RES)             $\sum_j^n t_j$
        {
            arr[j+1]=arr[j];                        $\sum_j^n t_j-1$
            j= j-1;                                 $\sum_j^n t_j-1$
        }
    arr[j-1]=SHORT_RES;
    }
    cout<<"Arreglo ordenado";
    for(i=0; i<n; i++)                              n
    {
        cout<<arr[i]<<",";                          n-1
    }
    return 0;
}
```