```cpp
#include <iostream>
#include <vector>
using namespace std;

class Quick
{
    vector <int> array;
public:
    void add(int value)
    {
        array.push_back(value);
    }

    void print()
    {
        for(auto value : array)

            cout << value << "\t";
        cout << endl;
    }

    void swap(int &a, int &b )
    {
        int c=a;
        a=b;
        b=c;
    }

    int partition(int left, int right)
    {
        int pivot = left;
        left++;
        while(left <= right)
        {
            //chotu compare krenge
            while(array[left] < array[pivot])
                left++;

            //lambu ko copare krenge
            while(array[right] > array[pivot])
                right--;

            if(left > right)
            {
                swap(array[left],array[right]);
            }
        }
        if(right < left)
        {
            swap(array[right],array[pivot]);
        }
        return right;
    }

    void quicksort(int left,int right)
    {
        if(left < right)
        {
        int pivot = partition(left,right);
        quicksort (left,pivot-1);
        quicksort(pivot+1,right);
        }
    }
    void sort()
    {
```

```cpp
        quicksort(0,array.size());
    }
};
int main()
{
    Quick q1;
    int num;
    while (cout << "ENTER A VSLUE TO INSERT : " , cin >> num, num)
    {
        q1.add(num);
    }
    q1.sort();
    q1.print();
}
```