

```
1 #include <stack>
2 #include <queue>
3 #include <iostream>
4
5 using namespace std;
6
7 struct Persona{
8     string nombre;
9     string apellidos;
10    int prioridad;
11 };
12 class comp{
13     public:
14
15     bool operator() (Persona a, Persona b)
16     {
17         return a.prioridad<b.prioridad;
18     }
19 };
20
21 int main(){
22
23     Persona A ={"Eskere", "Dice_El_Juanmi", 1};
24     Persona B ={"Caracoles", "Gratinaos", 0};
25     Persona C ={"Paco", "Dineros", 3};
26     Persona D ={"Matadme", "Por favor", 2};
27
28     priority_queue<Persona, vector<Persona>, comp> pq;
29
30     pq.push(A);
31     pq.push(B);
32     pq.push(C);
33     pq.push(D);
34
35     while(!pq.empty()){
36         cout << pq.top().nombre << " ";
37         pq.pop();
38     }
39
40     cout << endl;
41
42 }
```