Complejidad Temporal

1. Método para formar cola:

```
31      public void formarCola() {
32          for (int i = 0; i < building.size(); i++) {
33              int tp = building.get(i).getPersonsList().size();
34              for (int j = tp - 1; j >= 0; j--) {
35                  personQueue.push(building.get(i).getPersonsList().get(j));
36              }
37              pickUpPerson(i);
                System.out.println(transporte.getPila().toString());
39          }
40      }
```

n=building.size()

j=tp-1

LINEA	CANTIDAD DE VECES QUE SE REPITE
32	n+1
33	n
34	n+j(n) +1
35	n+j(n) +
37	n
38	n

Función: $f(x) = [4n + 2(n + j(n))] + 2$

2. Método crear persona:

```
44          public void createOffices() {
45          int indexOffice=officesPerFloor*floors;
46          for(int i=0;i<floors;i++) {
                    offices.add(new HashMap<Integer,Person>());
48                  for(int j= 0; j<officesPerFloor;j++) {
49                          offices.get(i).put(indexOffice, null);
50                          indexOffice--;
51                  }
52          }
53      }
```

n=floors

j=officesPerFloor

LINEA	CANTIDAD DE VECES QUE SE REPITE
45	1
46	n+1
47	n
48	n+j(n) +1
49	n+j(n)
50	n+j(n)

Función: $f(x) = n + 3(n + j(n)) + 3$