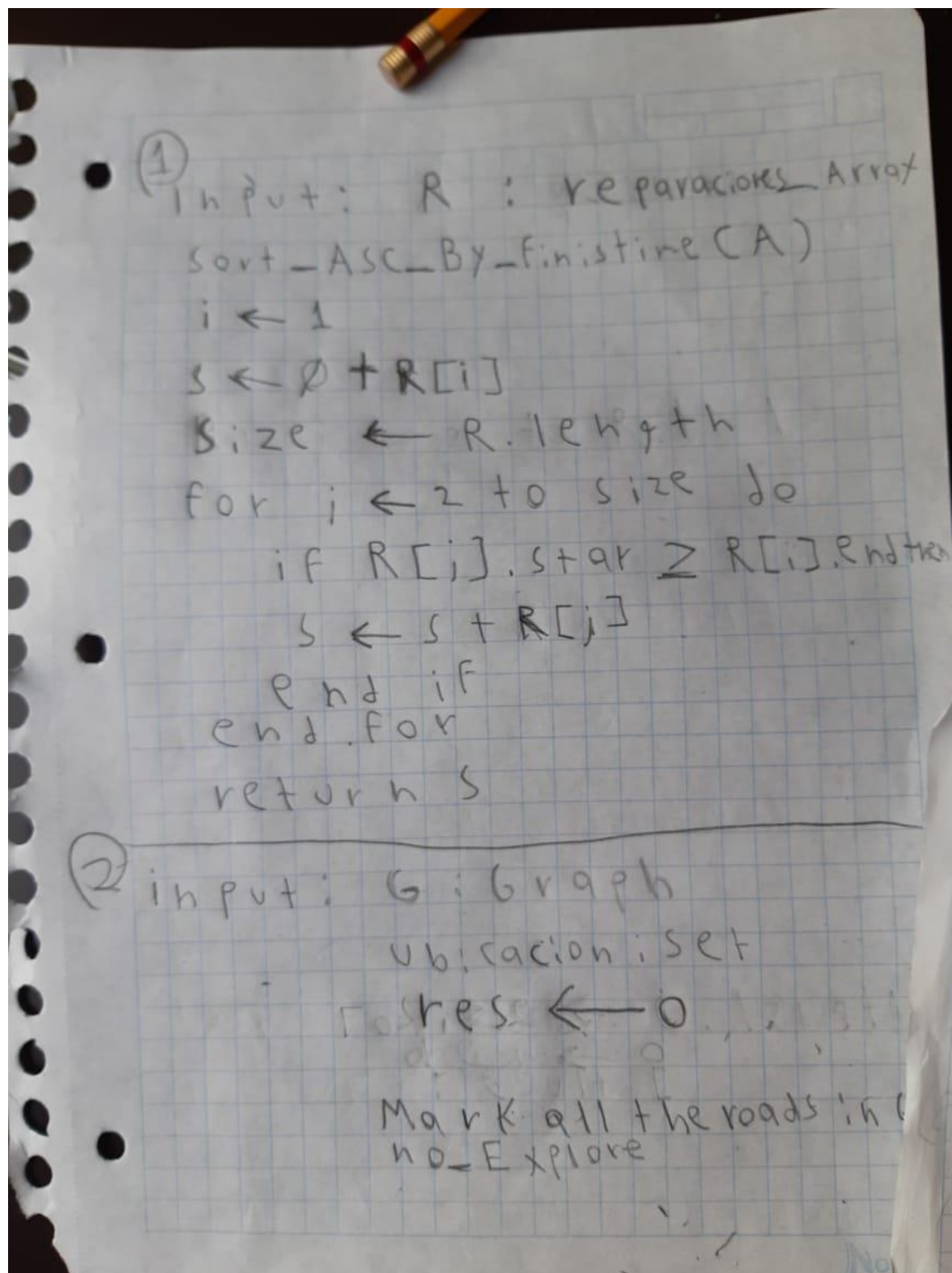


Examen Algoritmos ávidos



```
(2) For roads in G do
    if roads is not marked
        Explored + he
        DFS (roads, G, Ubicación)
        res ← res + 1
    end if
end for
return res
```

```
(3) input: L: Licencias Array
    sort_Desc_By_Mes(L)
    i ← 1
    size ← L.length
    for j ← 2 to size do
        if L[j] * 1000
    ends for
    return menor
```

```
(4) input: G: Graph  
Vertex: set  
min ← 0  
Mark all vertices in G  
as No-Explored  
For vertices in G do  
    marked Explored the  
    DFS (vertices, vertex, G)  
end for  
return min
```