

```
1 from platform import python_build
2
3 import patients, io, pickle, json
4 data={}
5 file = io.open('patients.txt',mode='r',encoding='utf-
8')
6
7 for item in file.readlines():
8     #Se remueven los espacios de línea y el separador
9     ','
10    itemsnospace=item.replace('\n','')
11    itemclear=itemclear.split(';')
12
13    instance=patients.Patient(int(itemclear[0]),
14    itemclear[1],itemclear[2],int(itemclear[3]),itemclear
15    [4])
16
17    data[instance.id]=instance
18
19    #data.update({instance.id:(instance.name,instance
20    .surname,instance.age,instance.diabetic)})
21
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33
34 print(data)
35
```

```
36 with open('patients.pickle','wb') as file2:
37     pickle.dump(data,file2)
38
39 with open('patients.json','w',encoding='utf-8') as
    jsonfile:
40     json.dump(data,jsonfile,ensure_ascii=False,indent
    =2,default=to_json)
41
42 print(type(data))
43 print(isinstance(data,patients.Patient))
```