
DNI checker

X66948_en

Design a function *busca_dni(lista)* that, given a list *lista* of DNI, checks whether all values are valid (that is, their letters correspond to their numerations and they have the required length). The function must return the first invalid DNI found, or str *ok* if all are valid. You must use function *check_letter(num, letra)*, which given an int *num* and a str *letra*, returns *True* if the letter corresponds with the number or *False* otherwise.

```
def check_letter(num, letra):  
    return letra == 'TRWAGMYFPDXBNJZSQVHLCKE'[num%23]
```

Sample session

```
>>> busca_dni(['12345678Z', '98765432M'])  
'ok'  
>>> busca_dni(['44556677A', '98765432M'])  
'44556677A'  
>>> busca_dni(['37485960P', '150150150', '13243546P'])  
'150150150'  
>>> busca_dni(['123456S', '13243546P'])  
'123456S'  
>>> busca_dni(['98765432M', '1234567890H'])  
'1234567890H'
```

Problem information

Author : InfBesos

Generation : 2020-10-13 20:02:33

© Jutge.org, 2006–2020.

<https://jutge.org>