Even and odd   X25424_en

You have to program the function below.

- Write a function *even_odd*(*f*) that given a list *f* of integer numbers, returns two lists. The first one is formed by the even numbers in *f*. At the second one there are the odd numbers in *f*. The order of appearance of the numbers in each of the two resulting lists must preserve the original order.

Scoring

The function counts 100 points.

Sample session

```
>>> even_odd([1, 5, 2, 5, 4, 3, 0])
([2, 4, 0], [1, 5, 5, 3])
>>> even_odd([1, 3, 5])
([], [1, 3, 5])
>>> even_odd([0, 4])
([0, 4], [])
```

Problem information

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