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## Adjusted sum

X23872\_en

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Design the function *suma\_ajustada(limit, k, maxim)* that, given three integers greater than zero *limit*, *k* and *maxim*, returns the longest increasing list formed by consecutive multiples of *k* lower than *maxim* that add up less than *limit*. If the list is not empty its first element has to be *k*.

### Sample session

```
>>> suma_ajustada(20, 3, 1000)
[3, 6, 9]
>>> suma_ajustada(10, 1, 1000)
[1, 2, 3]
>>> suma_ajustada(10, 1, 3)
[1, 2]
>>> suma_ajustada(100, 2, 10)
[2, 4, 6, 8]
>>> suma_ajustada(5, 4, 4)
[]
>>> suma_ajustada(5, 5, 50)
[]
```

### Problem information

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Generation : 2018-04-06 15:52:42

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