For the length of the last world -> Easy one

Split the string into worlds using spaces as the delimeter.

Hoolds: S. Spif()

If there are no worlds, selven o,

then Return the length of the last world &n the list g worlds.

Return ten (worlds [-17).

Define the function is, length of last world.

@ Splet the strings into words

3 cheek if the list of words ('words') is empty. if it is zero. there are no words

@ Return the length of lost word.

Majority Element -> Medium @

- D'Enifiatize Condidatel, Candidate 2. equat to None And Court, Court 2 equal to 0.
- De the input list number is engual to condidate 1, increment court 2 if number is enqual to condidate 2. increment court 2 if number is enqual to condidate 2. increment court 2 indicate 1, extraord = increment court 2 update candidate 1, extraord = increment is 0. increment court 2 update candidate 2, set court 2 to 1 cell court 2 is 0, & update condidate 2, set court 2 to 1
- (3) Reset court / Court 2 to 0
- (A) check condidates, candidates are > [n/3]

  If Candidates > n/3, add if to the result

  if Candidate 2 7 n/3 'add it to result
- 3 Remet list is netwern.

```
Find the total number of diagit 1 -> Flored 3
Algorithm
   O court and add is in - one's place, Tenth place, thundredts
one's place
               21 31 41 51 61 71.81 91
            upto 10 -> 1. one
            upho 20 -> 2 one
            ups 80 - 8 one
             up to 87 -> & g one
  Number
            1's in ones place = (n/10) + n/10/=0)
Ten's place
           ≥ apro 100 -> 10 one
                  200 -> 20 ene
                upto 800 -> 80 one
  Number of 1'S in tenth place = (n/100) *10+ min (max (n/100-10+1,0),00)
 @ Gletate from 1 to n by incrementing 10.
           This is formulated as
           (n./(**10)) *i * + min (max ((n./. (i*10)) - i+1,0),i)
                   adding each iteration).
```