```
125. Valid Palindrome
          Aman, a plan, a canal: Panama
                ly It's a palin d'ome
       First lower case all
                              S. Lower () a man, a plan, a ...
      Then remove non alpha numeric
                 S=1111. Join (char for char in s if char. Isalpha())
                                  amanaplanacanalpanama
        Make Salist
                   S = list(s) \sum_{i=1}^{n} |w_i|^n |w
   Create to printers at the beginning and at the end of the list
                                                                                       ['a','m', a',...,'a','m','a']
                       b^1 = 0
                       P_2 = 1en(s) - 1
                                                                                               While Pr < P2:
then reviewat
                                                                                                            if s[P1] == s[P2]:
 the same time
                                                                                                                       P4 += 1
    P1 and P2 whilst
                                                                                                                       P_2 -= 1
      P1 < 1/2
                                                                                                                        se:
return False
        If arr [P1] = arr [P2]
            move Pr to the right move Pr to the left
                                                                                                   return Truc
       and return True
                                                                                             if arr [P1]!= arr [P2]
                   rcturn False
       We're reviewing Just once the list so the time complexity is O(n)
```