First: charectors of ab can break the original string into many substring only antain ab. We can solve these substring independently because there are no very use an remove any "ab", "bo" From different substring.

So let consider a string that only contain a end b'.
Nove, we want to find a way to get max score by remort
"ab" / "Ja" from this tring.

Some observation;

Regardness how we remove character from the string the final remain string will be the same.

Prove

First, when the remained string still contain "a" & "b", we still can perform the remove operation. => so the finel remain string will be empty or contain only "a" or "b".

If the original string have "a" more than "b" => Finel string contain all "a" other wise all "b"

- =) Every possible way to remve string have the fixed length.
- =) The number of "ab" (not loose general, assume "ab" give higher score) is lugher = score higher,
- => Find a way to vernor "ab" as much as possible.
- =) greendy: Fret remove "ab" justien countrol remove a'b"
 -> remove "ba".

+ Prove: Remove "a"b" rist, can veach maxim possible "ab"pen.

Let asome with this Starty we can remov P "ab" CM

with M = max poesible verneur "ab".

=) the remain stry still com teem a poeirs qu'a" and "b" of the pair become the have revenue as much as possible "ab" in the First She. but 'regardness draraeter between "a" va "b", we still can have a substry "ab" =) contractored with our assume than =) Themase "ab" Forest alway reme all maxim possible "ab" =) the next slep reme all possis "ba" in the remain stry to get the Finel result.