



This sample satisfies the constraints for the second subtask.

By deleting the "giraffe" at positions 4-10, we can make the string "bessiebessibessie", which has "bessie" at the beginning and the end. "giraffe" has 7 characters and all characters have cost 1, so our answer is cost 7 for 2 instances of "bessie", which is the best we can do.

**SCORING:**

- Inputs 4-5:  $N \leq 2000$
- Inputs 6-8: All costs are 1
- Inputs 9-17: No additional constraints.

Problem credits: Benjamin Qi

Contest has ended. No further submissions allowed.

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