1. WAP to find the length of a string without using string functions.

2.WAP to find the number of vowels or consonants in a string.

3.WAP to check whether a string is Palindrome string or not.

4. WAP to convert all vowels present in a string into uppercase characters and print the modified string.

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- 5. What is StringBuilder class, and how is it different from String?
- StringBuilder is mutable, meaning its content can be modified after creation, while String is immutable, meaning its content cannot be changed.

- StringBuilder provides better performance and memory efficiency for string manipulation operations like concatenation, insertion, or deletion due to its mutability.
- StringBuilder is not thread-safe, whereas String is inherently thread-safe because of its immutability.
- Use StringBuilder when you need to perform frequent modifications on strings, and use String when immutability is desired or when the string value remains constant.