1. **Username Validation:**  
   A user enters " Charan\_Singh " as their username. Write code to trim spaces and check if it starts with a capital letter.
2. **Case-Insensitive Search:**  
   In a search bar, the keyword "Laptop" should match "laptop available here". How would you implement a case-insensitive check using string methods?
3. **File Extension Check:**  
   Given a filename like "report.docx", write code to confirm whether it ends with ".pdf".
4. **Censor Bad Words:**  
   From the string "This is a bad movie", replace "bad" with "\*\*\*" (only the first occurrence).
5. **Extract Domain Name:**  
   From the email "student@kmit.ac.in", extract only the domain part ("kmit.ac.in").
6. **Word Count Trick:**  
   Count how many times the word "the" (case insensitive) appears in "The theatre is near the theme park".
7. **Palindrome Check:**  
   Check if a given string (ignoring spaces and case) is a palindrome, e.g., "Never Odd Or Even".
8. **Initials Generator:**  
   From a full name "John Michael Doe", generate initials like "J.M.D".
9. **Mask Credit Card Number:**  
   Convert "1234567812345678" into "\*\*\*\*\*\*\*\*\*\*\*\*5678".
10. **Reverse a String Using Methods:**  
    Reverse "JavaScript" without using loops manually (hint: split, reverse, join).
11. **Truncate Long Text:**  
    If a product description is longer than 30 characters, cut it off and append "...".
12. **Detect Numeric Characters:**  
    Check whether a given string "Room42" contains any digit(s).
13. **Title Case Conversion:**  
    Convert "welcome to javascript world" into "Welcome To Javascript World".
14. **Extract File Name Without Extension:**  
    From "resume.final.draft.pdf", extract only "resume.final.draft".
15. **Custom Repeat:**  
    Repeat the word "Hi!" 5 times without using loops.
16. **Compare Passwords Securely:**  
    Compare two strings "Secret123" and "secret123" case insensitively and tell if they match.
17. **Find First Vowel Position:**  
    From "rhythm" and "education", determine the index of the first vowel.
18. **Check Substring at Position:**  
    From "JavaScriptDeveloper", check if "Script" starts at index 4.
19. **Extract Hashtags from Post:**  
    From "Learning #JavaScript and #Coding is fun", extract all hashtags as an array. And display them
20. **Count Unique Characters:**  
    From "banana", count how many unique characters are there using string methods.

Print the unique characters