** Assignment 9 ** String

1. Filter out all vowels and consonants from the string "How are you sir".
   - This task requires identifying vowels and consonants in the given string and filtering them out. Vowels are the letters 'a', 'e', 'i', 'o', 'u', and consonants are all other alphabetic characters.

2. Count vowels and consonants from the string "How are you sir".
   - Similar to the first task, you'll need to identify vowels and consonants in the string, but this time, you'll count them separately.

3. Reverse the string "How are you sir".
   - Reversing a string involves rearranging its characters from end to start. So, 'How are you sir' would become 'ris uoy era woH'.

4. Convert small caps to upper caps String given "How are you sir".
   - This task involves converting all lowercase characters in the string to uppercase. For example, 'How are you sir' would become 'HOW ARE YOU SIR'.

5. Filter duplicate letters from "this is python programming place".
   - Here, you need to remove duplicate letters from the given string, so that each letter appears only once in the result.

6. Search for a specific character in the string "this is python programming place", where the character is given by user input.
   - This task requires prompting the user to input a character and then searching for occurrences of that character in the given string.

7. Find the greatest and smallest character from "venugopaliyer".
   - You need to identify the greatest and smallest characters in the string. The "greatest" refers to the character with the highest ASCII value, while the "smallest" refers to the character with the lowest ASCII value.

8. Count the total occurrences of a specific letter input by the user in a string "this is python programming place".
   - Similar to Task 6, but instead of searching for all occurrences of a character, you count the total number of times that character appears in the string.

9. Convert the string "python developer python engineer python holder" to "javascript developer javascript engineer javascript holder".
   - In this task, you need to replace all occurrences of the word "python" with "javascript".

10. Print alternate letters in the string "How are you sir".
   - This task involves printing every other letter from the given string, starting from the first letter.

11. Create the string format "Tom-Jerry Knife-fork Batman-Robin oggy-cockroach pakdam-pakdai" by taking user inputs.
   - This task requires gathering input from the user for each pair and formatting it accordingly.

12. Convert the string from "qwertyuiopasdfghjklzxcvbnm" to "abcdefghijklmnopqrstuvwxyz" checking only grammar.
   - You're tasked with transforming the given string to match the order of the alphabet. Ensure the grammar, i.e., the sequence of characters, is correct.