

Assignment 22 – Strings and Functions

1. Write a function to calculate the length of a string.
2. Write a function to reverse a string.
3. Write a function to compare two strings.
4. Write a function to transform a string into uppercase.
5. Write a function to transform a string into lowercase.
6. Write a function to count the number of vowels in a given string.
7. Write a function to find a character in a given string. Return the index of the first occurrence of the given character. Return -1 if the character is not found.
8. Write a function to find a character in a given string between specified indices (start index inclusive and end index exclusive).
9. Write a function to swap two characters of a given string at specified indices.
10. Write a function to check whether a given string is an alphanumeric string or not.
(An alphanumeric string must contain at least one alphabet and one digit.)