

# 8. STRINGS AND STRING MANIPULATION

## Learning Objectives

After completion of this chapter, the student will be able to

- ❖ Know how to process text.
- ❖ Understanding various string functions in Python.
- ❖ Know how to format Strings.
- ❖ Know about String Slicing.
- ❖ Know about Strings application in real world.

## Important Notes and Points

- Strings are immutable in 'Python', which means you can't make any changes once you declared.
- Once you define a string modifications or deletion is not allowed. If you want to modify the string, a new string value can be assign to the existing string variable.
- Joining of two or more strings is called as Concatenation.
- Adding more strings at the end of an existing string is known as append.
- The Repeating operator (\*) is used to display a string in multiple number of times.
- Slice is a substring of a main string. A substring can be taken from the original string by using [ ] operator and index or subscript values. Thus, [ ] is also known as slicing operator.