

## **Assignment 6**

- 1) Write a python program to demonstrate string traversal using indexing.
- 2) Write a python program to demonstrate an expression used as an index of a string.
- 3) Write a python program to concatenate two strings using + operator, append a string using += operator, repeat a string using \* operator.
- 4) ) Write a python program to demonstrate splice operation with stride, last(positive) argument, last(negative) argument.
- 4) Write a python program to demonstrate string reference using the id() function. Verify that Strings are immutable.
- 5) Write a python program to display powers of a number without using formatting character.
- 6) Write a python program that takes user name and PAN card number as input. Validate the information using isX() function and print the details.
- 7) Write a python program that encrypts a message by adding a key value to every character. (Caesar Cipher). [Hints: Say ,if key=3, then add 3 to every character]
- 8) Write a python program to generate an Abecedarian series. [Hint : Abecedarian refers to a series or list in which the elements appear in alphabetical order]
- 9) Write a python program that finds whether a given character is present in a string or not. In case it is present it prints the index at which it is present. Do not use built-in function to search the key.
- 10) Write a python program that counts the occurrences of a character in a string. Do not use built-in function.
- 11) Write a python program to find reverse of a string.
- 12) Write a python program to parse an email id to print from which email server it was sent and time of that.
- 13) Write a python program to demonstrate the use of match() function.
- 14) Write a python program to demonstrate the use of search() function.
- 15) Write a python program to demonstrate the use of sub(), findall() and finditer() function.