

SARALA BIRLA PUBLIC SCHOOL

Birla Knowledge City, Mahilong, Ranchi
CLASS-XII (2020-21)



SARALA BIRLA
PUBLIC SCHOOL

(SARALA BIRLA GROUP OF SCHOOLS)



Sub: Computer Science (083) Assignment-4

Reference Chapter: Python Revision Tour-2

1. What is indexing in context to Python strings? Why it is also called two-way indexing?
2. Write short notes on strings, lists, tuples.
3. Write program in Python:
 - (a) Write a program to display the list items along with their index number.
 - (b) Write a method in python to display the elements of list thrice if it is a number and display the element terminated with '#' if it is not a number.

For example, if content of list is as follows:

```
List = ['23', 'Hello', 'Help', '65']
```

The output should be:

```
232323
```

```
Hello#
```

```
Help#
```

```
656565
```

- (c) Write a program to sort a list using Bubble sort.
- (d) Write a program to sort a list using Selection sort.
- (e) Write a program to sort a list using Insertion sort.

