

## MODULE 14

### String Comparison with different lengths

#### Introduction

From previous module we think you have got idea about comparing strings. We hope you know when to use ***len()*** and when to use ***cmp()*** functions. Now we will try comparing the strings which has different lengths. Here comparison using ***cmp()*** function is advisable rather using ***len()*** function.

#### Worked out Example:

```
>>> s1 = "ravik"
>>> s2 = "RAVI"
>>> print cmp(s1,s2)
1
>>>
```

#### Exercise Problem

Compare the given strings which have different lengths.

1. "Hyderabad", "Secundrabad"
2. "abc", "abae"
3. "ababab", "abcabcca"
4. "xyzxyz", "xyxyz"
5. "ababcbac", "abaabcbca"

#### Hints to follow

1. Take two string inputs and store them in two variables.
2. You can find the lengths of the two strings and compare lengths.
3. Use ***cmp()*** function when step 2 will not work.