**Python Programming**

**Lab Exercise – (Branching Construct)**

1. Write python program to add ‘ing’ at the end of the string. If already ends with ‘ing’, then add ‘ly’.
2. Accept a string and return the length of longest word. If the result has more than one word, then print “BINGO”
3. Accept percentage of marks from user and display the grade.

|  |  |
| --- | --- |
| ***Percentage*** | ***Grade*** |
| >90 | O |
| 80 – 90 | A |
| 70 - 80 | B |
| 50 – 70 | C |
| < 50 | F |

1. Generate a string by combining first two characters and last two characters from an input string. If length of input string is 2, then resultant string must be a concatenation of those characters or if length is less than 2, return an empty string instead.

**Eg (1) Enter a string: beautiful**

**beul**

**Eg (2) Enter a string: py**

**pypy**

**Eg (2) Enter a string: n**

1. Find the first appearance of ‘not’ followed by ‘bad’ in a given string. If found, then replace the whole ‘not…bad’ substring with ‘good’.

**Eg: Enter a string: This subject is not that really bad as expected**

**This subject is good as expected**

1. Evaluate using ***conditional statement***
2. Check whether a given number is even or odd and return ‘even’ or ‘odd’ appropriately.
3. Check whether an item is available in a list and return ‘Available’ or ‘Not Available’ appropriately.