

---

**EEP773**

**Telecom Software  
Lab**

---

**Assignment 9**

September 24, 2014

**Aman Chawla**

2014JTM2251



Indian Institute of Technology, Delhi

## Contents

<b>1</b>	<b>List Of Figures and Tables</b>	<b>2</b>
<b>2</b>	<b>Problem Statement</b>	<b>2</b>
2.1	Input Format: . . . . .	2
2.2	Output Format: . . . . .	2
<b>3</b>	<b>Assumptions</b>	<b>3</b>
<b>4</b>	<b>Explanation of Logic</b>	<b>4</b>
<b>5</b>	<b>Output</b>	<b>5</b>

## 1 List Of Figures and Tables

1) Output Window

## 2 Problem Statement

Given an input repository, we have to read it to our local machine using github. Repository containing content and a dictionary file. Content file contains messages from one user to another user. We have to traverse through each line and find expression in the line. After compare expression with given dictionary file we can assign mood for each user. This task we have to perform using python as programming language.

### 2.1 Output Format:

Output has to given in output file.

### 3 Assumptions

- Last occurred expression is taken as final behaviour for the user.

## 4 Explanation of Logic

- Each line is traversed and expression is found for each user.
- Final expression is taken as the final behaviour of the user.
- Used dict hash table for storing percentage of the expression with the expression.

## 5 Output

```
1 [":( or :'(": 0, ':P or ;)': 0, 'X-( or >_<': 14, 'B-) or ;)': 0, '(: or :D': 14, ':-/ or ==': 14, ':-o or O_0': 28]
```

Figure 1: Output