Program Execution Document

***Key***

*Green : Input from console*

*Blue : Output to console*

**Screen**

##################### Welcome to the WILP attendance System #####################

Here is the menu, please make your choice, choose 1,2,3, 4 etc. :

1 : LOAD\_INPUT\_FILE(To load the attendance input file)

2 : GET\_HEAD\_COUNT(Total number of employees registered in attendance system)

3 : SEARCH\_EMPLOYEE(Search for a given employee with employee id.)

4 : HOW\_OFTEN\_EMPLOYEE(To know the number of times the employee entered the organization)

5 : FREQUENT\_VISITOR\_EMPLOYEE(To know the frequent visitor employee)

6 : PRINT\_EMPLOYEE\_RANGE(To print the ids in the range id1 to id2 and how often they have entered the organization)

7 : QUIT(Exit the program. )

1

Enter the file path to load input.txt

/Users/nikhilrajpal/assignment/mtech-bits-dsa/dsa/src/main/resources/input1.txt

Tree created with input file input.txt, total employees seen :8

Command LOAD\_INPUT\_FILE processed, please choose next option from main menu :

2

Total employees seen :8

Command GET\_HEAD\_COUNT processed, please choose next option from main menu :

3

Enter the employee id to search ..

23

Employee found : true

Command SEARCH\_EMPLOYEE processed, please choose next option from main menu :

4

Enter the employee id to check ..

23

Employee entered in organization number of times : 11

Command HOW\_OFTEN\_EMPLOYEE processed, please choose next option from main menu :

5

Frequent Visitor : 12 with visit count : 33

Command FREQUENT\_VISITOR\_EMPLOYEE processed, please choose next option from main menu :

6

Enter the employee id start range ID ..

12

Enter the employee id end range ID ..

90

Employees in range:

12, 33

15, 11

17, 11

18, 11

19, 11

20, 11

23, 22

34, 11

Output file 'output.txt' created.

Command PRINT\_EMPLOYEE\_RANGE processed, please choose next option from main menu :