

## **OS and Network Lab Assignment-6**

Objective: Implementation of Awk command

(Note: Write only the objective on the index page of the lab file.)

Q.1) Create a file input.txt and store the following data in the file

Name, Age, City, Occupation, Salary

Alice, 30, New York, Engineer, 75000

Bob, 25, London, Designer, 60000

Charlie, 35, Paris, Manager, 90000

David, 28, Berlin, Developer, 80000

Eve, 40, Tokyo, Analyst, 85000

Q.2 Consider the content of the input.txt file as a record of an employee. Write a shell command using awk to print the name and salary of each employee.

Q.3) Write a shell command to print such a record in which the employee's salary is greater than 70000.

Q.4) Write a shell command to print the line number of the record in which employee 'Bob's information is given.

Q.5) Write a shell command to print all records with their corresponding line number.

Q.6) Write a shell command to print the occupation and salary of employee Charlie.

Q.7) Write a shell command to print the square of each number that lies in the range 1 to 100.

Q.8) Write a shell command to print all records which lie between line numbers 3 to 5.