SSN COLLEGE OF ENGINEERING, KALAVAKKAM
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
TUTORIAL – 7 AWK commands and Scripts

1. Write AWK command to print the total number of lines
2. Write AWK command to print the number of fields
3. Write AWK command to print the last field of last line
4. Write AWK command to print thr last field of each line
5. Write AWK command to print the line that has atleast 2 fields
6. Write AWK command that contains UNIX
7. Write an AWK command that prints the fields in the order of field4, field3, field2, field1
8. Write AWK command to print the lines from 2 to 4
9. Create the file named workers.txt with the following

First Name	Last Name	Rate	Hours
George	White	18.00	23
Mark	Red	18.10	20
Mary	Blue	10.89	25
Dan	Black	12.00	0
Susan	Green	18.00	40
Nora	Brown	17.20	46
Bruce	Purple	12.20	52
John	Gray	11.00	39
Bob	Gold	15.00	45
Steve	Silver	14.67	25

    a. Write awk command to print the first and last name who did not work in the last week
    b. Write awk command to print the record of the employee whose rate is $15 or more
    c. Write awk command to print the record whose first name is Mary
    d. Write awk command to print the record of the employee whose rate between $1 and $18

10. Create a file sales.txt with the following contents

Month	Sales
January	20
February	30
March	43
February	34
January	12
June	89
May	97
June	60
July	23
August	13
August	45
October	56
October	45
November	34

    a. Write awk command to find total sales
    b. Write awk script to find the total sales in every month
    c. Write awk script to find the months with no sales