Assignment -9
Shell script

1. Write a menu-driven shell script to implement simple calculator with simple operations (add, subtract, multiplication, division) using select and case statements. Use command line arguments to provide input to the calculator.

   Ex: ./calc.sh 4 5

2. Write a shell script to print the name of the script, number of arguments and the arguments that are passed.

   Ex: ./sample.sh ssn 1 college engineering 2 cse department

3. Write shell script to read a text file name and count the number of lines using function. Pass the file name as an argument to the function. Return the count and print it

4. Write a shell function **string-compare** that takes two strings s1 and s2 as arguments and returns 1 if s1 comes before s2 by ASCII order, 0 if s1 is the same as s2, and 2 if s1 comes after s2.
5. Develop an interactive script to maintain a database of employees. The databse is in the format
   employee_name rate_per_hour hours_worked as illustrated below

Beth	4.00	0
Dan	3.75	0
Kathy	4.00	10
Mark	5.00	20
Mary	5.50	22
Susie	4.25	18

The script should allow users to
   1. List the records
   2. Search for an employee
   3. Modify the rate_per_hour or hours_worked of an employee
   4. Delete an employee
   5. Quit