1. Write a Shell Script to create a Student database file named "studentdetails.txt". Get the inputs like name, rollno, branch, m1, m2, m3. Calculate the total and average. Write all the details separated by " | " into that file studentdetails.txt by appending one by one until user desires to give input in the following format.

   Name|Rollno|Branch|M1|M2|M3|Total|Average

   Create a menu based program to perform the following operations on "studentdetails.txt" file

   1. Generate Mark sheet for the given user
   2. Count the number of students in CSE branch
   3. Delete a new record based on unique field

2. Write a Shell Script to delete the given word from the given file.
3. Write a Shell script to display all the empty directories available in the current directory.
4. Write a Shell program to display the list of filenames in the current directory which contain the given pattern.

   $sh patternsearch.sh unix
       fourthsemlab.c   operatingsystem.txt……

5. Write a Shell Script to greet the user depends upon the system time. User name should not be got as input. Output should be in the following format based on the Time.

   Good Morning ABC, Welcome to Unix Shell World

          Or

   Good Evening ABC, Welcome to Unix Shell World