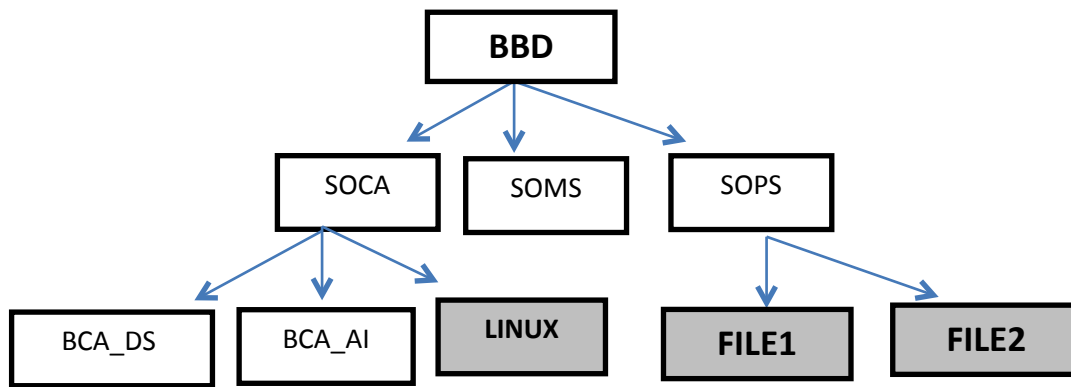Q1. Create below Directory Structure.

Q2.a. List all the text files in current directory starting with **a** or **b** or **k** & second character is a number.

   b. Combine the contents of file **PQR** and **MNO** into another file **TEMP**.

Q3. Write a shell script to find the factorial of a number entered by the user.

Q1. Write a shell script that prints the sum of n even numbers. The limit n is entered through the command line arguments.

Q2. a. Combine the contents of file **PQR** and **MNO** into another file **TEMP**.

   b. listing of file not started with letters **a or b or c**.

Q3. Describe the commands:

a) chmod   b) head   c) pwd   d)uniq   e) sort

Q1. Write a shell script to accept a number from the user and print the day of the week using case.

Q2. A. Search all files in your current directory for the word "**MCA**".

   b. Create a file f1 and redirect the ls -l command output to f1.

Q3. Write a shell script to input file name and check the read permission of the file.

Q1. Write a Shell Script to print the all argument passed and count the number of argument is passed.

Q2.Explain the following commands along with their syntaxes and suitable examples:

a) wc   b) whoami   c)date   d) tail   e) ls -l

Q3. Write a shell script to enter a number by the user and print the following pattern:

          1
          12
          123
          1234

Q1. Write a shell script to enter a number and find whether it is an odd number or even number.

Q2. a Display the initial 10 lines of year 2024.

    b. A shell command that will remove all files that end in ".c" in the current directory.

Q3. Write a shell script to perform integer arithmetical operations like addition, subtraction, multiplication, division and modulus (remainder) operations.

Q1. Write a shell script to accept a character and check whether it is a Lower case alphabet, Upper case alphabet, A digit, or Vowel using case control structure.

Q2 a. create a file then assign all the permissions to the owner and remove all permissions from others and add read permission to group members.

    b. Store the output of **date** and **who** command in a single file **f11**.

Q3. Write a shell script that prints the sum of n odd numbers. The limit n is entered through the command line arguments.

Q1. Write a shell script that takes 3 arguments at command line. The 1st argument is the name of a destination file, and the other two arguments are names of files whose contents are to be placed in the destination file. Finally the content of destination file should be displayed.

Q2. Write a shell script to enter a number between 1-12 and generate its corresponding month e.g. 1 gives "January", 2 gives "February" etc.

Q3. Explain the following commands along with their syntaxes and suitable examples:

a) grep   b) sort   c)pwd   d) tail   e) wc

Q1 Write a shell script to enter a number and generate its table.

Q2. Write a shell script to enter a year by the user and find whether it is a leap year or not.

Q3. Explain the following commands along with their syntaxes and suitable examples:

a) grep   b) sort   c)pwd   d) tail   e) wc

Q1. Write a shell script to enter a number by the user and print the following pattern:

                1
                22
                333
                4444

Q2. Write a shell script to enter a number by the user and print odd numbers up to that number.

Q3. Explain the following commands along with their syntaxes and suitable examples:

a) ps   b) cat   c)set   d) cut   e) uniq