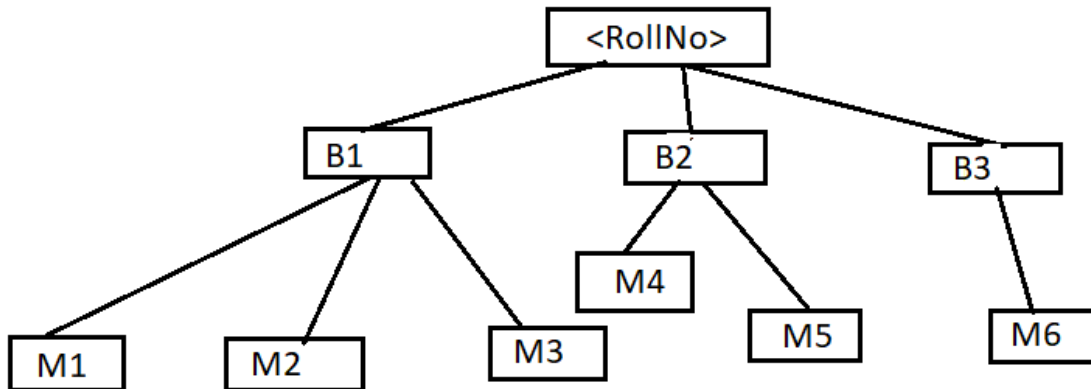## CHAPTER 2: UNIX File system

Assignment 2.1

Write a unix command to perform the following task.

1. Create a directory <YourRollNo>. Make <YourRollNo> as the current working directory. Create the directory structure as shown below with a single command.

Now, make M6 as your current working directory and solve the following questions

2. List the files in directory B1 without actually moving to the directory.

3. Delete the directory M1.

Now, make <YourRollNO> as your current working directory

4. Display the entire hierarchy of your directories inside <YourRollNo>.
5. Write a command to list the files in directory M1, where the filename starts with digit.

6. Write a command to move the files from directory M1 to M3 where the file name starts with the alphabet.

7. List all the files present in M3 which are ending with "s"

8. Move the files ending with alphabet 'a' in your current working directory to subdirectory B3

9. Write a command to list the files in your current working directory where the file name satisfies the given condition.
   a. The name starts with a vowel.
   b. Name does not start with a vowel.
   c. Only five characters in the file name.
   d. Name which contains 5 characters, out of which, first and last should be either a or b.
   e. File where name contains 3rd letter as digit.
   f. Name with the first character should not be a, b or c.

g. Names containing "seq" in the filename.
h. The first three characters are only digits.
i. Name that starts and ends with "a".
j. Name with at least 2 characters in it.
k. Name with exactly 2 characters in it.

10. Delete all the directory structure that you have created so far.