1. Create a file called ***example1*** using the cat command containing the following text:

***water, water everywhere***

***and all the boards did shrink;***

***water, water everywhere,***

***No drop to drink.***

Use the ***grep*** command to search the file ***example1*** for occurrences of the string “water”.

2. Create a file **fileg1.txt.** Write ***grep*** commands to do the following activities:

1. To select the lines from a file that has exactly two characters.
2. Select the lines from the file that have the string “unix” & “Unix” &“UNIX” (case insensitive) & also count the no. of lines
3. Select the lines from the file that **exactly matches the string** “unix”, ie lines that contain searched text alone.
4. To select the lines from a file that start with the upper case letter.
5. To select the lines from a file that end with a period (.).
6. Select the lines from the file that contains the string AJCSACSACSA
7. To select lines from a file that has at least three characters.
8. To select lines from a file that has at least two digits without any other characters in between.
9. To select lines from a file that have at least two digit
10. Select the lines from file that do not start with a digit
11. Select the lines from file that have atleast 2 digits
12. Select the lines from file that have consecutive 4 digits
13. Select lines from the file that have consecutive 4 or fewer digits
14. To select lines from file whose first non-blank character is A, B or C
15. To select the lines in a file that has one or more blank spaces.
16. Select the lines that start with a “\*”
17. Select the lines that end with a $
18. Select the lines from the file that have the string “unix” at least twice
19. To select the lines in a file and direct them to another file which has digits as one of the characters in that line.