OS Lab Assignment

1. Write a shell script to accept numbers below 50 and to display the square of each. This should continue as long as the user wishes

2. Write a shell script to check whether the scanned string is found in a file or not. Display appropriate message.

3. Write a shell script to generate Fibonacci series.

4. Write a shell script to check whether the entered number is prime or not.

5. Write a shell script to calculate HRA of employees depending upon their basic.

6. Write a shell script that greets the user by saying Good Morning, Good Afternoon, and Good Evening according to the system time.

7. Write a shell script, which takes a filename as command line argument, asks the user if he wants to revoke the read, write permissions for the group and others for that particular file. If the answer is "y" then it should do so or else it should abort the operation.

8. Write a shell script to count number of newline characters in a file.

9. Write a shell script to count number of spaces in a file

10. Write a Shell script, which counts the number of words in a file, without taking into consideration the blank space, tab spaces and the newline characters using WC.