

### Assignment-3

- 1) Write a shell script, which finds the prime factors of a given number.
- 2) Write a shell script that accepts a positive integer value from the user, say 34, and prints out all the divisors of 34 as a list:  
Enter a positive integer: 34  
The divisors of 34 are: 1, 2, 17, and 34
- 3) Write a shell script, which prints good morning or good evening depending on the login time of the user.
- 4) A shell script, which takes as command line input a number n, and a word. It then prints the word n times, once on each line.
- 5) Write a shell script, which finds the total number of blank lines in the given file.
- 6) A shell script, which reports the names and sizes of all the files in a directory whose size exceeds 1000 bytes, in descending order of their sizes and the total number of such files.