

## Assignment 4

**Topic : Shell Programming – II (Looping)**

Sl. No.	Problem	Page #	Date	Remarks
1.	Write a shell script to display the digits which are in odd position in a given five digit number.			
2.	Write a shell script to reverse the digits of a number.			
3.	Write a shell script to find the sum of the digits of a number.			
4.	Write a shell script to find the position of a substring in a given string.			
5.	Write a shell script to find the GCD of two given numbers.			
6.	Write a shell script to check whether a given string is a palindrome or not.			
7.	Write a shell script to find the sum of the following series. $\text{Sum} = 1 + 1/2 + 1/3 + \dots + 1/n$			
8.	Write a shell script to count number of characters, words, white spaces and special symbols in a file.			
9.	Write a shell script to find the factorial of a given number.			
10.	Write a shell script to generate the Fibonacci series up to n numbers.			
11.	Write a shell script to find the number of occurrences of a particular digit in a given number.			

*Signature of Instructor*