

**GLS INSTITUTE OF COMPUTER APPLICATIONS**  
**SY iMSC(IT)**  
**SEM - 3**  
**SUBJECT: Practical on OS**  
**ASSIGNMENT – 2**

1. Write a shell script to read n and generate a pattern given below

```
1
1 2
1 2 3
1 2 3 4
```

2. Write a shell script to read n and generate a pattern given below

```
1
2 3
4 5 6
7 8 9 10
```

3. Write a shell script to print a given number in reverse order. Make use of while loop.
4. Write a shell script to display message good morning / good afternoon / good evening/ good night according to the time.
5. Write a shell script to check if the number is prime or not. Make use of break keyword.
6. Write a shell script to find factorial of a number.
7. Write a shell script to read number from user and print its multiplication table.
8. Write a shell script to print even numbers from 1 to 100. Make use of continue keyword.
9. Write a shell script to print odd numbers from 1 to 100 making use of until loop.
10. Write a shell script to accept a number and check how many digits it contain and find sum of all digits.