

## **USP LAB**

### **WEEK 6**

#### **Agenda: Interactive and Non-Interactive Shell Scripts with decision statements**

1. Write a shell script to display a greeting message as “Good morning or Good Afternoon or Good Evening” based on system time
2. Write a interactive shell script to calculate area of triangle without using expr statement  
[Hint: Area of Triangle= $0.5*b*h$ ]
3. Write a interactive shell script to calculate area of triangle using expr statement
4. Write a shell script to compute the gross salary of an employee according to the following rules. The basic salary should be an interactive input.
  - a. If basic salary is  $< 1500$  then HRA=10% of basic and DA=90% of basic
  - b. If basic salary is  $\geq 1500$  then HRA=Rs.500 and DA=98% of the basic
5. Write a shell script that takes a command-line argument and reports whether it is directory or a file. If no argument is given by the user, a error message has to be prompted.
6. Write a shell script which receives two file names as arguments. It should check whether the two file contents are same or not. If they are same then second file should be deleted.