

# Assignment for 3<sup>rd</sup> Year 1<sup>st</sup> Semester Students

## IT/PC/B/S/313

### GUIDELINES

- Try to write a clean program with enough comments.
- At the beginning of the file, use block comments to write details about name, roll no, assignment details, input required and output generated.

Also put the compilation [should be WARNING free] and execution sequence under the block comment.

- The name of the file should be as per the following format.  
  
    <Two Digit Team Number>\_<Assignment Number>.txt
- The type of the file should be pure plain ASCII Text.
- The assignment files should be uploaded AS PER THE LAB SCHEDULE.  
Upload only required no of files. NOT A BIT MORE.
- While coding, always use indentation of 4 spaces.
- Blocks of code should be separated by a newline.
- Always use command line argument handling to take inputs.
- Duplicate assignments will incur penalties.  
[Marks will be allocated proportionally]
- Not adhering to any of these guidelines will incur penalties.
- For the description of any system/library call use man command.
- Always use 'perror' routine to check the return status of the system/library call.

## **ASSIGNMENT – 7 (15 Marks)**

### **(Shell Script Programming)**

1. Create a directory 'All My Cprogs Files' in your home directory.
2. Move all the C files to the new creating directory.
3. Show the list of files in your current directory.
4. Show Current working directory.
5. Display date in the dd:mm:yy format
6. Count the number of files in your home directory
7. Create a file that lists all of the .C files in your directory.
8. Write a script for addition of two numbers for real numbers also.
9. Write a script to convert string lower to upper and upper to lower from a file.
10. Read 'n' and generate a pattern given below.  
1  
1 2  
1 2 3  
1 2 3 4