

**Department of Computer Science and Engineering**

**Fall 2019**

**Course Name: Operating Systems CSE321 LAB**

**Assignment 01**

**Basic Shell Scripting**

**TASK 1: Write a shell script that adds, subtracts, multiples and divides the given two integers.**

**TASK 2: Write a shell script that accepts two integers as its arguments and Computes the value of first number raised to the power of second number**

**TASK 3: Find Least common multiple of two numbers using shell script (By passing argument)**

**TASK 4: Find the numbers which are divisible by 5 from 1 to 100 using user defined Function.**

**TASK 5: Write a shell script program to find prime number from 20 to 70.**

**TASK 6: Write shell script that reads a student’s mark for a single subject, and prints out the corresponding grade for that mark. The mark ranges and corresponding grades are shown in the table below.**

|  |  |
| --- | --- |
| **Marks** | **Grade** |
| 90 and above | A |
| 80-89 | B |
| 70-79 | C |
| 60-69 | D |
| 50-59 | E |
| Below 50 | F |

**TASK 7: Write a shell script that prints the following sequences of values using loops:**

1. 24, 18, 12, 6, 0, -6
2. -10, -5, 0, 5, 10, 15, 20

**TASK 8: Star Line. Print as many stars as given in input**

**Sample input:**

**6**

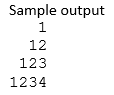
**Sample output**

**\*\*\*\*\*\***

**TASK 9: Triangle - Right Justified. Draw right angled triangle of given height**

Sample input:

4



**BONUS:**

**TASK 10: Triangle – Isosceles. Draw triangle of given height**

Sample input 1:

3

