### **Practical 10: Shell Scripting Basics**

#### **10A. Finding the Greatest of Three Numbers**

**Script Logic**:

* Takes three numbers as input from the user.
* Compares using if-elif-else to determine the largest number.
* Outputs the greatest number.

**Sample Output**:

bash

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Enter first number: 1

Enter second number: 6

Enter third number: 9

The greatest number is 9

#### **10B. Student Marks and Result Classification**

**Script Name**: 10 B.cpp (Shell script)

**Functionality**:

* Takes marks of 3 subjects: OS, EM3, DS.
* Calculates total and percentage.
* Classifies result:  
  + Distinction: ≥ 75%
  + First Class: 60%–74%
  + Pass: 45%–59%
  + Fail: < 45%

**Sample Output**:

bash

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Total Marks = 215

Percentage = 71%

Result: PASS with FIRST CLASS