

Bashir Ali (24K-2012) CYS-1A

Submitted to: Sir Muhammad Nouman Hanif
LAB 02 Submission (Aug 27, 2024)

Lab Submission Tasks

Objective 1: Pseudo Code

- *Task 1:*
Problem: Find the maximum number in any of three variables.

Solution:

```
01      START
02      INPUT number1
03      INPUT number2
04      INPUT number3
05      IF
06          number1 > number2 && number1 > number3
07      THEN
08          PRINT "The maximum number is: "number1
09      ELSE IF
10          number2 > number1 && number2 > number3
11      THEN
12          PRINT "The maximum number is: "number2
13      ELSE
14          PRINT "The maximum number is: "number3
15      END
```

Objective 2: ALGORITHMS

- *Task 2:*
Problem: Implement an algorithm where the user enters a number, and an appropriate month is displayed.

Solution:

1. Ask the user to enter a **number between 1 and 12**
2. If the number entered by the user is not between 1 and 12, display “enter a valid number.”
3. Set
 - 1 to January
 - 2 to February
 - 3 to March
 - 4 to April
 - 5 to May
 - 6 to June
 - 7 to July
 - 8 to August
 - 9 to September
 - 10 to October
 - 11 to November
 - 12 to December
4. Display the **Appropriate Month** for the user