Programming Fundamentals
Lab task Week 09

Note:

• Plagiarized task will be awarded zero marks.

• There will be deduction in marks for late submission.

• Submit c files with proper file name for each task (eg: Fariba_Laiq_Task_1.c)

Task 1:

Write a program that reads A integer from user and outputs whether the number is even or odd using if else.

Sample Output:

Enter an integer: 5

5 is an odd number

OR

Enter an integer: 12

12 is an even number

Task 2:

Write a program that reads two integers from user and outputs the largest one using if else.

Sample Output:

Enter first integer x: 5

Enter second integer y: 10

Second integer 10 is greater than first integer 5

Task 3:

Write a program that reads the age of three people and outputs the eldest among them.

Sample Output:

Enter the age of Amir: 20

Enter the age of Ali: 23

Enter the age of Haider: 18

Eldest: Ali

Note:

- The program should read the three ages in main from user.

- Create a function that will take three ages as arguments.

- The function will calculate who's the eldest and prints the result within the function.

Task 4:

A university does not allow its student to sit in the exam if his/her attendance is less than

80% in any course/lab.

Write a program to ask a student about total number of classes scheduled by instructor during the whole semester and total number of classes he/she attended during the whole semester. Now pass both integers to a function named calculateAttendance (int classesAttended, int classesTotal) which should calculate,

display the attendance and print the decision if he/she is allowed to sit in the exam or not.

Sample Output:

Enter total classes scheduled: 10

Enter total classes attended: 9

Your attendance is: 90%

You are allowed to sit in the exam