



COMSATS University Islamabad, Islamabad Campus

Department of Computer Science

Assignment 4

Subject: CSC101 - Applications of Information and Communication Technologies

Instructor : Mr. Muhammad Haris

Total Marks: 10+10+10+20= 50

(CLO-5: Describe the concepts of variables, conditional, repetitive structures, and functions using a programming language.)

For the given problems implement the designed solutions in python

Question 1: Calculate the age by taking date of birth from the user as input and display age as follows:

Your age is XX years, XX months, and XX days

Question 2: For any integer received from the user between 0 and 1000, adds all the digits in the integer.

For example, if an integer is 932, the sum of all its digits is 14.

Here is a sample run: Enter a number: 999 sum of digits is 27

Question 3: How to determine any number to be even or Odd ?

Question 4: Design the working of calculator by the use of functions.

Evaluation Criteria:

1. Depth of explanation and clarity in presenting complex ideas.
2. Accuracy and relevance of examples provided.
3. Quality and relevance of diagrams and illustrations.
4. Overall coherence and organization of the written report.
5. Assignment should be your own work.
6. *ZERO* tolerance policy on Plagiarism of any sort.