



**GALGOTIAS UNIVERSITY**  
**SCHOOL OF COMPUTING SCIENCE AND ENGINEERING**

**Software Testing & Quality Assurance**

**Course Code: E2UC502T**

**Max. Marks: 15 (7.5 marks each)**

**Target Group: Section 12 and 17 only**

**Faculty Name: Dr. Shwet Ketu**

**IA2 Assignment Questions**

1. Selenium is one of the most widely used open source Web UI (User Interface) automation testing suite. Our Selenium tutorial includes all topics of Selenium such as Features, Selenium vs QTP, Selenium Tool Suits, Selenium IDE, Selenium IDE Locating Strategies, Selenium WebDriver, Web- Driver Features, WebDriver vs RC, WebDriver Installation, etc.
  - a) Write down the step by step follows for Selenium Automation Testing?
  - b) List out the limitations of Selenium testing?
  - c) Identify the different types of annotations which are used in Selenium?
2. Write the program for the case of a triangle wherein the program reads the three sides of a triangle (say a, b, c). The output may be scalene triangle or an Isosceles triangle or an equilateral triangle or might not be a triangle at all.ng.
  - a. Determine the independent paths and find the Cyclomatic Complexity.
  - b. Draw the program flow graph.
  - c. Draw the DD path graph.

**Points to Remember:**

- ✓ **Students should only submit handwritten reports (hard copies) in A4 size sheets and upload the same on LMS (1<sup>st</sup> page having Assignment No. 2, Student Name, Enrollment no, Section, through your Class Representatives only.**
- ✓ **Don't copy from others; if caught, both will receive a zero.**
- ✓ **Students are expected to submit their work by January 16th, 2024. Late submissions will not be reviewed, and you will receive zero points.**

**Assignment Date:**

**Given Date : 14/01/2024**

**Due Date : 16/01/2024**