



School of Computer Engineering and Technology (Cybersecurity and Forensics)

Python Programming Lab Assignment No: 03

Problem Statement:

To check whether or not the triangle is a right-angled triangle using function with exception handling.

Aim:

Write a python program that accepts the length of three sides of a triangle as inputs. The program should indicate whether or not the triangle is a right-angled triangle using function with exception handling.

Objectives:

To learn and implement Function and Exception Handling

Theory:

1. Write about Python Function.
2. Explain how exceptions can be handled in Python. What is the exception handling mechanism behind the process?

Platform: Windows/Ubuntu-Python Editor (jupyter notebook)

Input: Accepts the length of three sides of a triangle as inputs from the user

Output: Display whether or not the triangle is a right-angled triangle.

Conclusion:

Studied python function using Exception handling.

FAQs:

1. Why should use an exception?
2. Why functions are needed in Python?