

School of Computer Engineering and Technology (Cybersecurity and Forensics)

Python Programming Lab Assignment No:10

Problem Statement:

Create two threads to display cube and square of 5 numbers from list.

Threads can simultaneously execute a Cube and square functions from program to access the shared list of 5 numbers.

Aim:

Write a Python program to implement multithreading scenarios

Objectives:

To learn and implement Functions of Threading library.

Theory:

- Define Thread and Multithreading
- Threading Library and its Functions.

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

Algorithm/Pseudo code: Students should write algorithm/Pseudo code for the given problem statement.

Input: Creating array of 5 numbers

Output: Display cube and square of 5 numbers with two separate threads resp .

Conclusion:

Studied python threading library, functions and its benefits

FAQs:

1. What's the difference between a process and a thread?
2. When should use Multithreading.