



School of Computer Engineering and Technology (Cybersecurity and Forensics)

Python Programming Lab Assignment No:06

Problem Statement:

Object oriented programming concepts to display Students grade as Pass or Fail.

Aim:

Write a program to read 3 subject marks and display pass or failed using class and object.

Objectives:

To learn and implement Concepts of Object oriented programming in Python.

Theory:

1. Explain Object oriented programming in Python.
2. Explain `__init__` method.
3. Explain the concept of Inheritance and Polymorphism.

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

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

Input: Reading marks of students from keyboard.

Output: Display Students Grade as Pass/Fail.

Conclusion:

Studied Object oriented programming in Python and classes and objects are used to display Students Grade as Pass/Fail.



FAQs:

1. What is difference between procedural programming and Object oriented programming.
2. What is superclass?
3. Explain instance variables and Class variables?
4. What is 'self' in Python?