# Institute of Business Administration
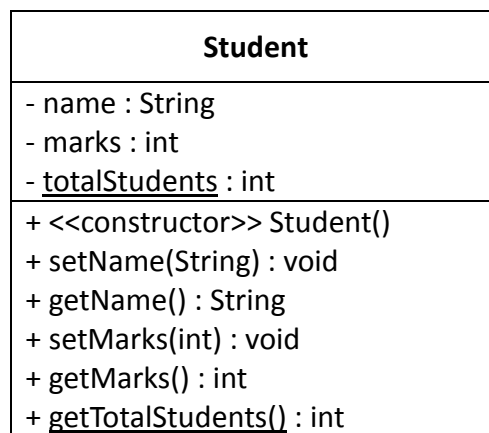
# CSE 142 – Object Oriented Programming Techniques

# 50380 – Spring 2021

# Day & Date: Thursday, February 11,2021

## Task One

Implement the class in JAVA as represented through following UML Class diagram

| **Student** |
|---|
| - name : String<br>- marks : int<br>- <u>totalStudents</u> : int |
| + <<constructor>> Student()<br>+ setName(String) : void<br>+ getName() : String<br>+ setMarks(int) : void<br>+ getMarks() : int<br>+ <u>getTotalStudents()</u> : int |

## Task Two

Write a test application in JAVA to test the Student class by performing following steps

- Instantiate an object of the Student Class
- Assign user given values to the instance
- Instantiate another object of the Student Class
- Assign user given values to this instance too
- Display information of the first instance
- Display information of the second instance
- Display total count of the students