

## Week 5 Tutorial

### Question 1.

1. Create a class Student with the following:
  - Instance variables:
    - String name
    - int age
  - Static variable:
    - int objectCounter
  - No-args constructor:
    - Assign your name in name variable
    - Assign your age in age variable
    - Increment the objectCounter
  - Parameterized constructor with name and age as parameter:
    - Assign the value of parameter in instance variable using this keyword
    - Increment the objectCounter
  - display() method:
    - Print the value of name, age and objectCounter

Create two objects using two constructors (No-args and parameterized) and call display method from each object.

### Question 2.

Create a class CalculateMarks with the following methods:

- public void handleMarks()
  - Input the marks of 5 subjects using for loop and scanner
  - Sum all the marks
  - Print the marks - total Marks

Create an object of CalculateMarks class and call handleMarks() method