HW 2

**Question 1:**Write a VB program that takes as input a string and displays the string with every even index of letters capitalized. The processing must be in a **subroutine procedure** and the result should be displayed in the **event procedure (button click)**.

**Question 2:**

* Write a program to represent a class Student with information including name, id, total credit hours, and college.
* The class should include a constructor that receives name, id and college for a new student.
* The class should also include methods to add to the total credit hours, in addition to method show to retrieve all information in one string.
* Finally, the class should keep track of the total number of students added.
* Write a client program that creates three students and uses the different methods in the class Student.

**Question 1:**

With the help of Inheritance define suitable classes for geometrical **figures**:Square, Rectangle, Oval.

The base class should be **figures** and contain **:**

+ width and height

2 methods:

* Show: return the geometrical information
* Calculate area (must overrides): to calculate area for each figure.

**Design suitable form to test your classes.**

**Don’t forget to search for the areas equations for each figure**