Instructions:

1. All the code should be inside a VS project.
2. Mail the Github link\Project code to [raghuvardhan.karanam@accoliteindia.com](mailto:raghuvardhan.karanam@accoliteindia.com)
3. Ping me if you have any further questions.
4. Deadline: 5th Aug 2020.

C#-Delegates and Event Handlers Assignment

### Create a C# Program to Implement event handling.

1. Write a publisher class named as Calculator which defines an event.
2. Ask user input for 2 numbers and wait for him to enter key “Enter”.
3. If the user presses enter key button, execute a subscriber function which takes 2 integers as inputs and returns the sum.
4. Pass the 2 arguments as data to eventhandler.

2. Implement the concept of multi cast delegation in C# using below example.

1. Write 2 functions which take 2 strings as input parameters.
2. Define a property of type string in the class.
3. Inside the 2 functions, concatenate the string property to the longest of the two strings.
4. Declare a delegate and multicast the 2 functions to delegate.
5. Take input from users and invoke the delegate.

3. Implement the concept of callback function using delegation in C#. (With your own example).