**Due: By 11:59 pm on Friday 17**

**15 Points**

Suppose you need to develop a StringAnalyzer Web service that has a method that that takes a string as parameter and return digit count, uppercase count and lowercase count. Your RESRFul web service should have a method called Analyze that takes a string as a parameter and returns the results in a JSON format similar the one given below

{“digit\_count”: 5, “uppercase\_count”:3, “lowercase\_count”:2}

Develop a RESRFul web service and a WCF console client that consumes the StringAnalyzer web service. Your client program should ask the user to enter a string and display the analysis results similar to the output given below

Enter a string: “CSE 445 sp 2017”

Digits : 7

Uppercase Letters: 3

Lowercase Letters:2

Submit as a zip file online to the blackboard.