

## Lab: Using Serialization and Random Access Files (RAF)

### Instructions

1. Using C# IDE, create a class called **Event** that has two properties:
  - event number
  - location
2. Create an object from the class and assign a value of **1** to the *event number* property and a value of **Calgary** to the *location* property.
3. Use serialization to serialize the object to a file called **event.txt**.
4. Use deserialization to deserialize the object from the file and display the values on the Console.
5. Create a method called **ReadFromFile**, where you write the word "Hackathon" to the file, and then read the first, middle and last characters using StreamWriter and the Seek method.

### Expected Output

1

Calgary

Tech Competition

In Word: Hackathon

The First Character is: "H"

The Middle Character is: "a"

The Last Character is: "n"