## Assignment 1

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## **C**#

```
int GreaterCount<T, U>(IEnumerable<T> items, T x)
   where T : IComparable<T>;
int GreaterCount<T, U>(IEnumerable<T> items, T x)
   where T : U
   where U : IComparable<U>;
```

In the first example, T has to implement the ICompareable interface. In the second exapmle, T has to implement U, which implements ICompareable. The first method, there is no certainty that the method can compare T and U, since only T has the interface implemented.

The second method, there is a certainty that the method can compare T and U, since they both implement the ICompareable interface.

## Software Engineering