**Class 12: Range, Enumerate, and Tuples**

**Key Ideas**

* The **range** function does not create a list, it creates an iterable – one value at a time
* Can specify begin, end, and step values with **range**
* Tuples are data structures that are similar to lists but are immutable
* The **enumerate** function returns a tuple consisting of an index and item from a sequence

**Built-ins**

**Functions**

**iter:** determines whether the argument is an iterator

**next**: returns next value in iterator

**enumerate**: returns index and item from a sequence

**Operators**

() create a tuple

**Assessment Questions**

True/**False**: The range function returns a list

True/**False**: Tuples are a mutable data type