```
Philip Pesic
```

Week 17

May 14 2023

Week 17 Lecture Notes

## Generic Method

A generic method is a method whose parameters and contents use a "generic" datatype. Thai type is determined on function call by the function's arguments. Generics can be used to reuse code by allowing the use of one function for many cases/datatypes.

```
Ex:
```

```
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```

Week 17 Lecture Notes

## Generic class

Like a method, classes can also be made generic with the same <T> syntax. The type of the class is declared upon instantiation, and all methods and properties can use the T datatype.

```
Ex:
public class test<T> {
          private T var;
          public setVar(T x) {
                var = x
          }
}
------
test<Integer> intTest = new test<Integer>(); //Sets var and setVar to type int intText.setVar('c'); //Error - var is type int
```