



Object Oriented Software Development

Week 9



Generics

<T>



Generics = parametrized types

Allows you pass in the type as a parameter

Method, class, interface can be generic

Can have multiple generics <T, S, U>



```
// We use < > to specify Parameter type
class Test<T> {
    // An object of type T is declared
    T obj;
    Test(T obj) { this.obj = obj; } // constructor
    public T getObject() { return this.obj; }
}

// Driver class to test above
class Main {
    public static void main(String[] args)
    {
        // instance of Integer type
        Test<Integer> iObj = new Test<Integer>(15);
        System.out.println(iObj.getObject());

        // instance of String type
        Test<String> sObj
            = new Test<String>("GeeksForGeeks");
        System.out.println(sObj.getObject());
    }
}
```



Kahoot!

Pairs or individually

Share a single device

