Christopher Schretzmann

Set Operations Documentation

This program is composed of methods for set operations. The methods include union, intersection, and complement. For the test cases, I used days of the week as an example.

```java
ArrayList<String> set = new ArrayList<>();
set.add(e:"Monday");
set.add(e:"Tuesday");
set.add(e:"Wednesday");
set.add(e:"Thursday");
set.add(e:"Friday");
set.add(e:"Saturday");
set.add(e:"Sunday");

ArrayList<String> subset = new ArrayList<>();
subset.add(e:"Monday");
subset.add(e:"Tuesday");
subset.add(e:"Wednesday");
subset.add(e:"Thursday");
```

For the output, it shows both the set and subset. For each of the operations, it shows the output as shown

```
Set: [Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday]

Subset: [Monday, Tuesday, Wednesday, Thursday]

Union: [Monday, Tuesday, Wednesday, Thursday, Friday, Saturday, Sunday, Monday, Tuesday, Wednesday, Thursday]

Intersect: [Monday, Tuesday, Wednesday, Thursday]

Complement: [Friday, Saturday, Sunday]
```