Exercise 12

- Install Findbugs in your eclipse follow the guidance http://findbugs.cs.umd.edu/eclipse/
- Understand the program
- There exist several bugs in it
- add the program in eclipse
- Expose the bugs
- Fix the bugs properly

```
public class Sample1 {
     public static void main(String[] args){
          int r = 0;
          String name = "bobby";
          name.replace('b', 'p');
          if(name.equals("pop")){
               r = 1;
          System.out.println(r);
          int x = 2;
          int y = 5;
          double value = x/y;
          System.out.println(value);
```

Exercise 13

- Install Findbugs in your eclipse follow the guidance http://findbugs.cs.umd.edu/eclipse/
- Understand the program
- There exist several bugs in it
- add the program in eclipse, expose and fix the bugs

```
import java.util.*;
public class Sample2 {
    private List actions;
    public Sample2(String startingActions) {
        StringTokenizer tokenizer = new StringTokenizer(startingActions);
        while (tokenizer.hasMoreTokens()) {
            actions.add(tokenizer.nextToken());
        }
    }
}
```

Exercise 14

- Install Findbugs in your eclipse follow the guidance http://findbugs.cs.umd.edu/eclipse/
- Understand the program
- There exist several bugs in it
- add the program in eclipse, expose and fix the bugs