Reflection & Test Plan - Assignment 2 Question 25

Commentary

- significant types of errors/warnings you faced
  - I had some trouble controlling the multiple inputs of the set. Telling the user what to enter took mxtore code than I would have liked. I accomplished this with a while loop and a reverse counter to tell the user how many inputs they had left.
- resources that you referred to
  - I preferred the http://www.tutorialspoint.com/java/java_hashset_class.htm documention to the Oracle documentation.

Normal Data

Test Run 1

Program Input

1
2
3
4
5
5

Expected Program Output

That value already exists in the set.
Set Values
1
2
3
4
5

Actual Output

as expected

Test Run 2

Program Input

6
7
8
9
0
1

Expected Program Output

That value is not in the set.
Set Values
0
6
7
8
9

Actual Output

as expected

Test Run 3

Program Input

-123
abc
asd
234
!afg3
123

Expected Program Output

That value is not in the set.
Set Values
-123
abc
asd
234
!afg3

Actual Output

as expected

Abnormal Data

Test Run 4

Program Input

<empty input>
<empty input>
<empty input>
<empty input>
<empty input>
<empty input>

Expected Program Output

That value already exists in the set.
Set Values

Actual Output

as expected. Empty strings are the values.

Boundary Data

Test Run 5

Program Input

1
45
2
3
abc\t\nabc
abcabc

Expected Program Output

That value is not in the set.

Set Values

1
45
2
3
abc\t\nabc

Actual Output

as expected