

-----TEST LOG-----  
Validating Data Software

Date of Software Test: Dec 21 2022

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STAGE 1			
The user must enter a String that is greater than 6 characters long.			
INPUT DATA	EXPECTED OUTPUT	GENERATED OUTPUT	REQUIRED FIXES MADE
hi	Program loops, remains in stage 1	Program did not loop, and stopped	While loop added
17645	Program loops, remains in stage 1	Program loops, remains in stage 1	
Really Cool	Program progresses to stage 2	Program progressed to stage 2, but had faulty output	Fixed faulty system.out.println
-653	Program loops, remains in stage 1	Program looped	
96.76	Program loops, remains in stage 1	Program looped	
1054.2	Program loops, remains in stage 1	Program looped	
6987.325	Program progresses to stage 2	Program progressed to stage 2	
STAGE 2			
The user must enter a String that contains at least one lowercase "a".			
INPUT DATA	EXPECTED OUTPUT	GENERATED OUTPUT	REQUIRED FIXES MADE
apple	Program progresses to stage 3	Program progresses to stage 3	
54356	Program loops, remains in stage 2	Program returned to stage one	Replaced all if's with while and stopped re-using one input variable (instead there is one input variable per stage)
BANANA	Program loops, remains in stage 2	Program looped	
a	Program progresses to stage 3	Program progressed	
cucumber	Program loops, remains in stage 2	Program looped	
412.645a23	Program progresses to stage 3	Program progressed	
-34.32	Program loops, remains in stage 2	Program looped	
STAGE 3			
The user must enter a String that is between 5 and 15 characters long, and does not contain the letter "z".			
INPUT DATA	EXPECTED OUTPUT	GENERATED OUTPUT	REQUIRED FIXES MADE
computer	Program progresses to stage 4	Program progressed	

zoo	Program loops, remains in stage 3	Program looped	
1234z6789123456	Program loops, remains in stage 3	Program looped	
123456789123456	Program progresses to stage 4	Program progressed	
-94861.87233198	Program progresses to stage 4	Program progressed	
-94861.8723z1987	Program loops, remains in stage 3	Program looped	
<b>STAGE 4</b> The user must enter an integer between 5 and 500.			
INPUT DATA	EXPECTED OUTPUT	GENERATED OUTPUT	REQUIRED FIXES MADE
5	Program progresses to stage 5	Program progressed	
501	Program loops, remains in stage 4	Program looped	
500	Program progresses to stage 5	Program progressed	
65A	Program loops, remains in stage 4	Program broke	Switched all integer inputs to be strings that are parsed with Integer.parseInt() in a try catch
-500	Program loops, remains in stage 4	Program looped	
5.232	Program loops, remains in stage 4	Program looped	
<b>STAGE 5</b> The user must enter a negative integer.			
INPUT DATA	EXPECTED OUTPUT	GENERATED OUTPUT	REQUIRED FIXES MADE
3.124	Program loops, remains in stage 5	Program broke	Stopped reusing initial (String) inputs, each while loop has its own unique input variables
-65.25	Program loops, remains in stage 5	Program looped	
-98	Program progresses to stage 6	Program progressed	
698	Program loops, remains in stage 5	Program looped	
-85247	Program progresses to stage 6	Program progressed	
negative six	Program loops, remains in stage 5	Program looped	
-54g40	Program loops, remains in stage 5	Program looped	
<b>STAGE 6</b> The user must enter a positive, odd integer.			
INPUT DATA	EXPECTED OUTPUT	GENERATED OUTPUT	REQUIRED FIXES MADE
-34	Program loops, remains in stage 6	Program looped	
SEVEN	Program loops, remains in stage 6	Program looped	
4	Program loops, remains in stage 6	Program progressed	Fixed modulus operator (now checks if input modulus 2 is equal to 1)

7	Program outputs a congratulatory message and terminates	Program progressed	
-9	Program loops, remains in stage 6	Program looped	
6325.1	Program loops, remains in stage 6	Program looped	
678943	Program outputs a congratulatory message and terminates	Program progressed	

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