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Lab10-1/Chapter7 Debugging

1 - Issue with program that validates user input in range 1 to 10

The issue with the program is that the condition in the while loop is incorrect, it is using the incorrect operator **AND** instead of the correct one in this case **OR**. This program would enter an infinite loop as the value cannot be simultaneously smaller than 1 AND greater than 10. Correct code:

```
...  
While value < 1 OR value > 10  
...
```

2 - Issue with program that gets a dollar amount from user.

The issue with the program is that the program does not get a different input from the user if they enter a value that is less than 0. This would cause an infinite loop. Correct program:

```
...  
While amount < 0  
    Display "ERROR: ..."  
    Display "Enter a dollar amount."  
    Input amount  
...
```

3 - Issue with program that asks the user to enter a string.

The issue with the program is that the user needs to pay attention to capitalization when entering the string. The correct program:

```
...  
While toLower(choice) != "lisa" AND toLower(choice) != "tim"  
...
```