Bug Hypothesis and Tracing

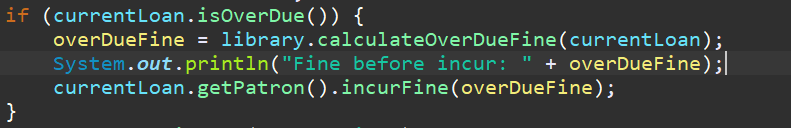
*Bug Name – Return Book Incorrect Fine*

# Hypothesis of cause

|  |  |  |
| --- | --- | --- |
| Hypothesis | Description | Was this the cause? |
| That in the returnBookControl the bug occurs |  |  |
|  |  |  |

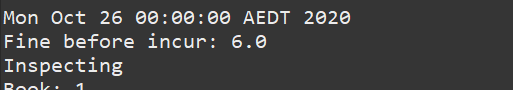
# Tests to narrow down bug

## Idea



Test that the value before being incurred is actually correct (should be from previous tests)

### Output:



### Conclusion:

The value returns 6, which is correct in this case! Hence is in the IncurFines method of the patron class.

## Idea 2

### Output

### Conclusion

## Idea 3

### Output

### Conclusion

## Idea 4

### Output

### Conclusion

## Idea 5

### Output

### Conclusion

## Idea 6

### Conclusion: