# Issues identified with Loan Amortiser

1. **Incorrect interest rate calculated.**

* 'Total interest repayable’ value not calculated correctly

**Steps to reproduce the identified issue:**

* Input value ‘100’ in field ‘Loan Amount’
* Input value ‘10’ in field ‘Loan term’
* Input value ‘10’ in field ‘Interest Rate’
* Click ‘Calculate’ button

Value should be:

* Assert ‘Total Interest Repayable’ value should be £10

Actual result:

* Value returns £5.58 which is incorrect on 10% annual interest rateA screenshot of a computer

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1. **Clicking ‘Reset’ button does not clear values on fields.**

* Values entered in the three fields are not cleared when you click ‘Reset
* Values re-appear when you click ‘Calculate’ button

Steps to reproduce the identified issue:

* Input value ‘100’ in field ‘Loan Amount’
* Input value ‘10’ in field ‘Loan term’
* Input value ‘10’ in field ‘Interest Rate’
* Click ‘Calculate’ button
* Then click the ‘Reset’ button

Then click the ‘Calculate’ button once more

Results should be:

* Default values will appear on the fields

Actual result:

* Previously input values are displayed on the fields
* Calculated results are based on default input values A screenshot of a computer

  Description automatically generated

1. **Interest rate does not specify if it refers to percentage rate.**

* Term ‘Interest Rate’ usually refers to percentage rate
* Application does not specificy what the term means in this context

1. **Unhandled error displayed to user when internal validation error occurs**

**Steps to reproduce the identified issue:**

* Input value ‘1’ in field ‘Loan Amount’
* Input value ‘1’ in field ‘Loan Term’
* Input value ‘0’ in field ‘Interest Rate’
* Click ‘Calculate’ button

Value Should be:

* A human readable error/Validation error

Actual Result:

* Returns an internal unrecognised error

A screenshot of a computer

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