

Software Application Test Report

Application: CIS 304 OOP Review Application Challenge

Developer: Exception Handeled: Juliebeth Caldozo, Cristian Sierra, Kevin Mach, Stephen Briles, Miranda Ortiz

Testing was completed on: 1/20/2016

LoanPayment Class getValue () Test Vector

Exhibit C-1

Tables with Test Results:

Test Case	Purchase Amount	Down Payment	APR (%)	Duration (years)	Compounding	Periodic Payment	Passed (Y/N)
1	350000	0	10	15	Annual	\$46,015.82	Y
2	350000	50000	10	15	Annual	\$39,442.13	Y
3	350000	0	10	15	Semiannual	\$22,768.00	Y
4	350000	0	10	15	Quarterly	\$11,323.69	Y
5	350000	0	10	15	Monthly	\$3,761.12	Y
6	350000	0	10	15	Weekly	\$866.75	Y

Screen Shot of Test Results:

```
Exhibit C-1 Test Vector
Test Case 1
Loan Payment Summary
Purchase Amount: $350,000.00
Down Payment: $0.00
Amount Financed: $350,000.00
APR: 10.0%
Compounding: annual
Loan Duration (years): 15.0
Payment (annual):$46,015.82
=====
Test Case 2
Loan Payment Summary
Purchase Amount: $350,000.00
Down Payment: $50,000.00
Amount Financed: $300,000.00
APR: 10.0%
Compounding: annual
Loan Duration (years): 15.0
Payment (annual):$39,442.13
=====
Test Case 3
Loan Payment Summary
Purchase Amount: $350,000.00
Down Payment: $0.00
Amount Financed: $350,000.00
APR: 10.0%
Compounding: semiannual
Loan Duration (years): 15.0
Payment (semiannual):$22,768.00
=====
```

```
Test Case 4
Loan Payment Summary
Purchase Amount: $350,000.00
Down Payment: $0.00
Amount Financed: $350,000.00
APR: 10.0%
Compounding: quarterly
Loan Duration (years): 15.0
Payment (quarterly):$11,323.69
=====
Test Case 5
Loan Payment Summary
Purchase Amount: $350,000.00
Down Payment: $0.00
Amount Financed: $350,000.00
APR: 10.0%
Compounding: monthly
Loan Duration (years): 15.0
Payment (monthly):$3,761.12
=====
Test Case 6
Loan Payment Summary
Purchase Amount: $350,000.00
Down Payment: $0.00
Amount Financed: $350,000.00
APR: 10.0%
Compounding: weekly
Loan Duration (years): 15.0
Payment (weekly):$866.75
=====
```