Black Box Test Plan for WolfpackLending

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

Test ID	Description	Expected Results	Actual Results
testExpressProcessingSameMonthDisbursementLowCreditScoreAndIncome Author: Dr. Balik	*Preconditions:* WolfpackLending program started <<Header>> Month Day (e.g., 3 15): **11 10** Credit Score (300-850): **400** 2019 Income: **4189** Loan Amount (1000-10000): **2000** Express Processing(y,n): **YEP**	Loan Amount: $2025.00 Interest Rate: 7.5% Monthly Payment: $40.58 Disbursement Date: Fri, 11 13 2020 Program Exits	Loan Amount: $2025.00 Interest Rate: 7.5% Monthly Payment: $40.58 Disbursement Date: Fri, 11 13 2020
testRegularProcessingDifferentMonthDisbursementMediumCreditScoreAndIncome Author: Dr. Balik	*Preconditions:* WolfpackLending program started <<Header>> Month Day (e.g., 3 15): **2 29** Credit Score (300-850): **525** 2019 Income: **32000** Loan Amount (1000-10000): **10000** Express Processing(y,n): **xyz**	Loan Amount: $10000.00 Interest Rate: 6.5% Monthly Payment: $195.66 Disbursement Date: Fri, 3 20 2020 Program Exits	Invalid input (in reference to the xyz) Program exits

testMonthWithInvalidDay Author: Dr. Balik	*Preconditions:* WolfpackLending program started <<Header>> Month Day (e.g., 3 15): **3 32**	Invalid date Program Exits	Invalid date Program Exits
testLeapDaytoConfirmThatItAccountsForLeapYearThisYear Author: Nicholas Loftin	*Preconditions:* WolfpackLending program started <<Header>> Month: **2** Day: **29** Credit Score (300-850): **600** 2019 Income: **50000** Loan Amount (1000-10000): **1500** Express Processing(y,n): **yes**	loan amount: $1525 Interest Rate: 6.0% Monthly Payment: $29.48 Disbursment Date: Tue, 3 3 2020 Program exits	loan amount: $1525 Interest Rate: 6.0% Monthly Payment: $29.48 Disbursment Date: Tue, 3 3 2020
testEndOfThe Year Author: Nicholas Loftin	*Preconditions:* WolfpackLending program started <<Header>> Month: **12**	Loan amount: $1000 Interest Rate: 5.5% Monthly Payment: $19.10 Disbursment Date: Wed, 1 20 2021	Loan amount: $1000 Interest Rate: 5.5% Monthly Payment: $19.10 Disbursment Date: Wed, 1 20 2021

	Day: **31** Credit Score (300-850): **750** 2019 Income: **25000** Loan Amount (1000-10000): **1000** Express Processing(y,n): **nah**	Program exits	
testInvalidInterestRates Author: NIcholas Loftin	*Preconditions:* WolfpackLending program started <<Header>> Month: **10** Day: **30** Credit Score (300-850): **600** 2019 Income: **1000** Loan Amount (1000-10000): **2000** Express Processing(y,n): **y**	Exception in thread "main" java.lang.IllegalArgumentException: Invalid interest rate Program exits	Exception in thread "main" java.lang.IllegalArgumentException: Invalid interest rate Program Exits
testInvalidCredit Score	*Preconditions:* WolfpackLending program started <<Header>> Month: **10** Day: **30** Credit Score (300-850): **299**	Invalid Credit Score Program exits	Invalid credit score Program exits
testingInvalidIncome	*Preconditions:* WolfpackLending program started	Invalid Income Program Exits	Invalid income Program Exits

	<<Header>> Month: **10** Day: **30** Credit Score (300-850): **600** 2019 Income: **-1**		
testingMonthsThatHave30Days	*Preconditions:* WolfpackLending program started <<Header>> Month: **4** Day: **20** Credit Score (300-850): **600** 2019 Income: **25000** Loan Ammount (1000-10000): **1500** Express processing (y, n): **n**	Loan amount: $1500 Interest Rate: 6.0% Monthly Payment: $29.00 Disbursment Date: Sun, 5 10 2020 Program Exits	Loan amount: $1500 Interest Rate: 6.0% Monthly Payment: $29.00 Disbursment Date: Sun, 5 10 2020 Program Exits