

WELCOME TO THE LOAN AMORTIZATION MODELS

This file briefly describes three financial calculation worksheets that have been developed and published for the Twin Cities Lotus User Group (TC-LUG) of Minneapolis and St Paul. The first two are donated to the public domain; the third model is a copyrighted shareware program. All of these may be freely copied and distributed subject to the following:

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Twin Cities Lotus User Group (612) 557-6845
5490 Balsam Lane May 1, 1989
Plymouth, Mn, 55442

These worksheets have two purposes. First, they provide useful programs to develop loan amortization tables and perform other related financial calculations. Second, they are learning tools that demonstrate basic as well as advanced concepts in spreadsheet development. Beginners as well as experts can study these models and develop new techniques and knowledge.

The first two worksheets are named "LOANS_1.WK1" and "LOANS_2.WK1". These are designed for Lotus 123, version 2.0 or later. The various formulas will also work in Lotus Symphony and other spreadsheet programs compatible with 123. The third model, "LOANSTAR", is the advanced shareware program. It exists in two forms, ".WK1" and ".WR1". Several of the macros provided in the advanced model had to be slightly modified for Symphony, which is the "LOANSTAR.WR1" file.

A brief description of the models follows below. In addition, the models each include their own detailed explanations and instructions.

LOANS_1.WK1 contains several sets of formulas to perform various financial calculations. There are no macros, range names, or other complicated features. The model demonstrates the usefulness of some of the financial @ functions.

LOANS_2.WK1 calculates a simple loan amortization table with a fixed interest rate, based on information supplied by the user. Again, there are no range names, date formulas, etc. The table uses simple formulas, and the user needs only brief instructions to use the model. One macro routine is included to help copy the formulas needed to generate a loan table.

LOANSTAR.WK1 is a powerful, automated model that calculates both fixed and adjustable rate loans. It adds extensive macros with a custom menu system that prompts for information, checks for input errors, and calculates the table. It also includes a dozen screens of information to explain how the model works. The worksheet is well organized and clearly labeled; nothing is hidden, and the user may freely explore all the various formulas and macros.

THE END

