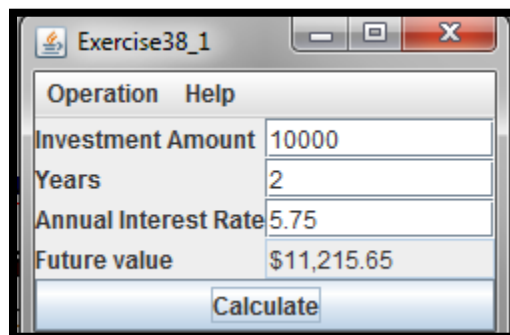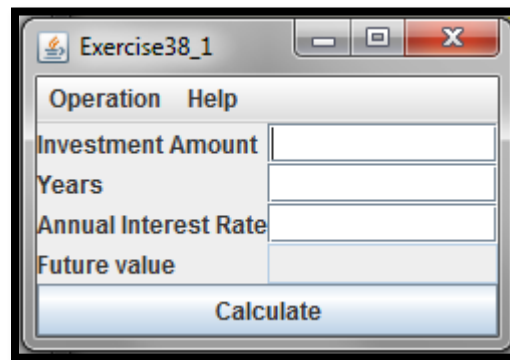# CIT 249: Java II
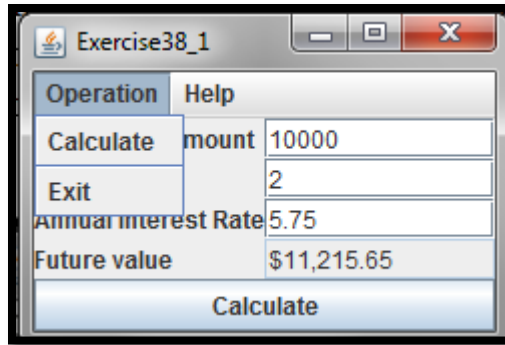## Chapter 38 Programming Assignment 1

Write a program that calculates the future value of an investment at a given interest rate for a specified number of years. The formula for the calculation is:
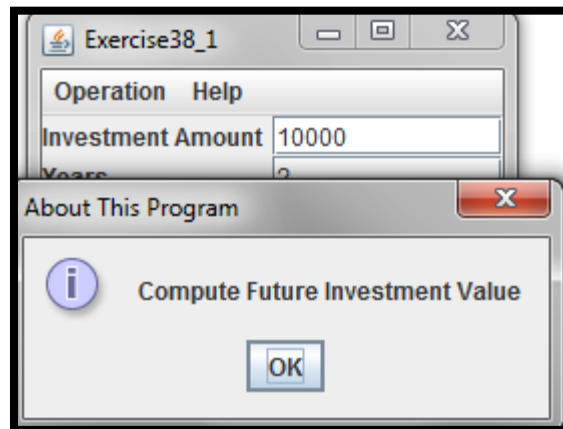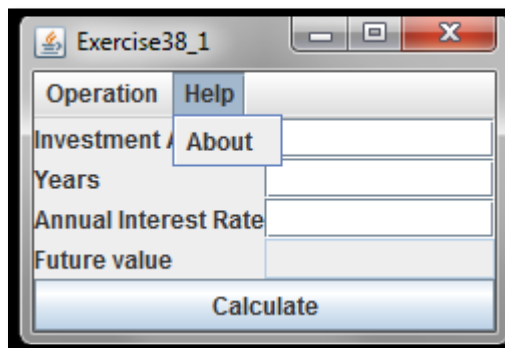
$$futureValue = investmentAmount \times (1 + monthlyInterestRate)^{years \times 12}$$

Use text fields for interest rate, investment amount, and years Display the future amount in a text field when the user clicks the Calculate button or chooses Calculate from the Operation menu. Show a message dialog box when the user clicks the About menu item from the Help menu.

When Calculate is chosen it does the same thing as the Calculate button.
When Exit is pressed the program ends.

When the About submenu is selected under the Help menu

Compress all files into a single zip or rar file and submit.