**Exercise 2.5**

(Objective 2.11)

**Let us apply the software develop process into following problem. Describe what you get after completing system analysis and system design stage separately.**

Write a program that reads in an investment amount, the annual interest rate, and the number of years, and then displays the future investment value using the following formula:

futureInvestmentValue=investmentAmount×(1+monthlyInterestRate)numberOfMonths

For example, if you enter the amount 1000, an annual interest rate of 4.25%, and the number of years as 1, the future investment value is 1043.33.