CIT 104 – Practical Exercises

1. Installation of the software – Visual Basic 6 or Visual Studio.
2. Write a program to convert Fahrenheit temperatures to Celsius and display the results.

(Hint: )

1. Write a program to calculate your monthly take-home pay considering the following allowances and deductions on your basic salary

**Allowances**

Transport = 10% of your basic salary

Rent = 15% of your basic salary

Hazard = 6.5% of your basic salary

**Deductions**

Pension = 7.5% of basic salary

NHIS = 5% of basic salary

Tax = 2% of basic salary

(Hint: To calculate percentage of a number use

1. Given an initial amount and a yearly interest rate calculate the amount of money expected at the end of a period of not less than 5 years. Assume n = 1.

(Hint:

*A = Amount of money expected*

*P = Initial amount*

*R = Interest Rate in percent*

*r = R/100*

*t = Time Involved in years, 0.5 years is calculated as 6 months, etc.*

1. A country club, which currently charges N25,000.00 per year for membership has announced it will increase its membership fee by 4% each year for the next 6 years. Write a program that uses a loop to display the project for the next six years.
2. Write a program that should take two numbers (that is, first and last) from the user and display all the numbers and their square in the form of an ordered pair between the first and last numbers.

For example, if a user enters 2 to 5 then it should display pairs: (2,4) (3,9) (4,16) (5,25)

1. Write a program in VB that should take 3 numbers from the user as input. Your program should find and print the square and cube of these three numbers on the screen.