**Chapter 2**

**Assignments**

1. Write a program that asks user to enter inches and converting these inches into equivalent feet.(Use-12 inches equal one foot)

An example of the user’s interaction with the program would be

**Enter inches: 30.5**

**Equivalent feet: 2.54’**

1. Assuming there are 1360 kyats in a one dollar. Write a program that asks the user to enter an amount in Myanmar kyats and displays this value converted to the U.S dollars.

An example of the user’s interaction with the program would be

**Enter amount in Myanmar kyats: 5870**

**Equivalent dollar $ 4.31**

1. Write a program that asks user to enter three integer values and calculate the average of these numbers.

An example of the user’s interaction with the program would be

**Enter first integer: 5**

**Enter second integer: 7**

**Enter third integer: 4**

**Average of these three integers 5.33**

1. Write a program that asks user to enter three integer values yard, feet and inches and converting these values into floating point format yards. (Use-12 inches equal one foot and 3 feet equal a yard)

An example of the user’s interaction with the program would be

**Enter yards: 3**

**Enter feet: 2**

**Enter inches: 6**

**Equivalent yards= 3.833**

1. Write the inverse of **Assignment 4**, so that the user enters an amount in decimal-yards, and the program converts it to the yard, feet and inches. An example of interaction with the program might be

**Enter decimal yards: 3.833**

**Equivalent in yard, feet and inches = 3-yards, 2-feet, 5-inches**

1. Write a program that asks user to enter inches and converting these inches into yard, feet and inches. (Use-12 inches equal one foot and 3 feet equal a yard)

An example of the user’s interaction with the program would be

**Enter inches: 64**

**Equivalent in yard, feet and inches = 1-yards, 2-feet, 4-inches**