

Programming Fundamentals (Practice Question)

Lab # 02

variables and operators

Q1: Write a program that calculates the area of a rectangle and print the result on screen.

Area = length * width

Q2: Write a program that calculates the BMI (Body Mass Index) and print the result on screen.

Note: Use the formula kg/m^2

Q3: Write a program that converts feet to inches and feet to cm and prints the results on screen.

1 Feet = 12 inches

1 feet = 30.48 cm

Q4: Write a program that converts seconds into minutes, seconds to hours and seconds to days and prints the results on screen.

Q5: Write a program that converts hours into minutes and hours into seconds and prints the results on screen.

Q6: Write a python program that takes quantity in pounds from user and convert it into grams.

1 pound = 453.592 gram

Q7: Write a program that takes seconds from the user and displays the time in Hours, minutes and seconds' format.

E.g. if the user enters 3700, the output of the program should be

1 Hour 1 minute and 40 seconds.