King Saud University	
College of Computer and Information Sciences	
Computer Science Department	
CSC 111	First Semester
Introduction to Programming with Java	1441-1442

Sheet # 1
Due Date: Thursday, 26/9/2019

Exercise#1: Write a program that calculates and prints the number of minutes in a year. *Define suitable variables and constants as needed.*

Exercise#2: *Body Mass Index (BMI)* is a value derived from the weight and height of a person. The BMI is defined as the person's weight *(in kg)* divided by the square of the body height *(in meter).* Write a program that calculates a person's BMI and prints it expressed in units of kg/m2. *Define suitable variables and constants as needed assuming the weight is 55kg and the height is 1.60meters.* Show the ***algorithm*** of your program.

Exercise#3: Assume that a variable num refers to a number. Write a program that prints the number's absolute value. *Define suitable variables and constants as needed assuming* **num=-2**.

Exercise#4: A store is having a sale. It's giving 10% off all purchases. Write a program that displays the final price after discount. *Define suitable variables and constants as needed, assuming the price is 69.5.* Show the ***flowchart*** of your program.