# Chapter 2 Java Answers

## Section 2.1

a) { , }

b) if

c) //

d) blank lines, tabs, spaces

e) keywords

f) main

g) System.out.print, System.out.println, System.out.printf

## Section 2.2

a) False

b) True

c) False

d) False

e) False

## Section 2.3

a) int c, thisIsAVariable, q76354, number;

b) System.out.print("Enter an integer: ");

c) int value = input.nextInt();

d) System.out.println("This is a Java program");

e) System.out.printf("%s%n%s%n", "This is a Java", "program");

f) if (number != 7) System.out.println("The variable number is not equal to 7");

## Section 2.4

a) if (c < 7) System.out.println("c is less than 7");

b) if (c >= 7) System.out.println("c is equal to or greater than 7");

## Section 2.5

// This program calculates the product of three integers

Scanner input = new Scanner(System.in);

int x, y, z, result;

System.out.print("Enter first integer: ");

x = input.nextInt();

System.out.print("Enter second integer: ");

y = input.nextInt();

System.out.print("Enter third integer: ");

z = input.nextInt();

result = x \* y \* z;

System.out.printf("Product is %d%n", result);

## Section 2.6 - 2.35

Full code solutions and direct answers as provided in conversation, covering sections 2.6 through 2.35.