1)

True

True

True

True

False

False

False

Obese

Overweight

Normal

Underweight

BMI >= 30.0

BMI < 30.0

BMI < 18.5

BMI < 25.0

Calculate BMI:

Weight / (Height\*\*2)

Calculate height to meters:

Height \* 0.0254

User Input:

Weight(Pounds)

User Input:

Height(inches)

Calculate weight to Kilograms:

Weight \* 0.45359237

2)

import java.util.Scanner;

public class BodyMassIndex {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

double weight;

double height;

double weightInKilograms;

double heightInMeters;

double bmi;

System.out.println(“Please enter your weight”);

weight = input.nextDouble();

weightInKilograms = weight \* 0.45359237;

System.out.println(“Please enter your height”);

height = input.nextDouble();

heightInMeters = height \* 0.0254;

bmi = weightInKilograms / (heightInMeters \*\* 2);

if (bmi < 18.5) {

System.out.println(“Underweight”);

} else if (bmi < 25.0) {

System.out.println(“Normal”);

} else if (bmi < 30.0) {

System.out.println(“Overweight”);

} else {

System.out.println(“Obese”);

}

}

}