PRACTICAL – 4

PROGRAM -1

AIM- Body Mass Index (BMI) is a measure of health on weight. It can be calculated by taking your weight in kilograms and dividing by the square of your height in meters. Write a program that prompts the user to enter a weight in pounds and height in inches and displays the BMI. Note:- 1 pound=.45359237 Kg and 1 inch=.0254 meters.

CODE-

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| import java.util.Scanner;  public class Main  {  public static void main(String[] args) {  Scanner input = new Scanner(System.in);  System.out.print("Enter your weight in pounds: ");  double weight = input.nextDouble();  System.out.print("Enter your height in inches: ");  double height = input.nextDouble();  double kg = weight \* 0.45359237;  double meters = height \* 0.0254;  double bmi = kg / (meters \* meters);  System.out.println("Your BMI is " + bmi);  }  } |

OUTPUT-

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