**BMI USING PACKAGE LEVEL MODULARIZATION**

**package** Niranjan;

**public** **class** BMI {

**private** String Name;

**private** **float** wei,hei;

**public** **void** setName(String name)

{

Name = name;

}

**public** **void** setW(**float** weight)

{

wei=weight;

}

**public** **void** setH(**float** height)

{

hei=height;

}

**public** String getName() {

**return** Name;

}

**public** String getW()

{

**return** wei+" kg";

}

**public** String getH()

{

**return** hei+" m";

}

**public** String BMI()

{

**return** (**float**) (wei/Math.*pow*(hei,2))+" kg/m";

}

**public** String toString()

{

String str=String.*format*("Name=%s%n Weight=%s%n Height=%s%n BMI=%s%n",getName(),getW(),getH(),BMI());

**return** str;

}

}

package Sah;

import java.util.Scanner;

import Niranjan.BMI;

public class BMIDemo {

public static void main(String[] args) {

BMI b=new BMI();

Scanner s=new Scanner(System.in);

System.out.println("Enter the Name:");

b.setName(s.next());

System.out.println("Enter the Weight:");

b.setW(s.nextInt());

System.out.println("Enter the height:");

b.setH(s.nextInt());

System.out.println(b);

}

}

OUTPUT:

Graphical user interface, text, application, email

Description automatically generated