**Write a Java code using class level modularization to calculate the BMI (Body Mass Index) as weight in kilograms divided by height in meters squared and display the height , weight and BMI and name of the person ........**

**package** p1;

**import** java.util.Scanner;

**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;

}

}

**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**