```java
 1 public class HumanBeing {
 2     private float weight;
 3     private float height;
 4     private float bmi;
 5
 6     public HumanBeing(float weight, float height,
   float bmi){
 7         this.weight=weight;
 8         this.height=height;
 9         this.bmi =bmi;
10     }
11
12     public HumanBeing(){}
13
14     public float getWeight(){
15         return weight;
16     }
17     public void setWeight(float weight){
18         this.weight=weight;
19     }
20     public float getHeight(){
21         return height;
22     }
23     public void setHeight(float height){
24         this.height=height;
25     }
26     public float getBmi(){
27         return bmi;
28     }
29
30     public void setBmi(float bmi){
31         this.bmi=bmi;
32     }
33
34 }
35
```

```java
 1 public class EncapsulationExample {
 2     public static void main(String[] args){
 3         HumanBeing h1 = new HumanBeing();
 4         h1.setHeight(1.65f);
 5         h1.setWeight(58);
 6         h1.setBmi(calculateBmi(h1));
 7
 8         System.out.println("Person has " + h1.
   getWeight() + " kgs and is " + h1.getHeight() + "
   meters in height, which results in BMI of " + h1.
   getBmi());
 9     }
10     public static float calculateBmi(HumanBeing h1
   ){
11         return h1.getWeight()/(h1.getHeight()*h1.
   getHeight());
12     }
13 }
14
```