

```
import javax.swing.*;
```

```
public class Main {
```

```
    public static void main(String[] args) {
```

```
        String weight = "0";
```

```
        String height = "0";
```

```
        int weightInt = 0;
```

```
        int heightInt = 0;
```

```
        boolean loop = true;
```

```
        while (loop) {
```

```
            weight = JOptionPane.showInputDialog("Skriv din vikt i hela kilon").trim();
```

```
            try {
```

```
                weightInt = Integer.parseInt(weight) * 10000;
```

```
            } catch (Exception e) {
```

```
                System.out.println("Använd endast siffror!");
```

```
                continue;
```

```
            }
```

```
            height = JOptionPane.showInputDialog("Skriv din längd i cm").trim();
```

```
            try {
```

```
                heightInt = Integer.parseInt(height) * Integer.parseInt(height);
```

```
            } catch (Exception e) {
```

```
                System.out.println("Använd endast siffror!");
```

```
                continue;
```

```
            }
```

```
            loop = false;
```

```
        }
```

```
        int bmi = weightInt / heightInt;
```

```
if (bmi < 18.5) {  
    System.out.println("vikt: " + weight + "kg");  
    System.out.println("Längd: " + height + "cm");  
    System.out.println("BMI: " + bmi);  
    System.out.println("Viktklass: Undervikt");  
}
```

```
if (bmi >= 18.5 && bmi < 25) {  
    System.out.println("vikt: " + weight + "kg");  
    System.out.println("Längd: " + height + "cm");  
    System.out.println("BMI: " + bmi);  
    System.out.println("Viktklass: Normalvikt");  
}
```

```
if (bmi >= 25 && bmi < 30) {  
    System.out.println("vikt: " + weight + "kg");  
    System.out.println("Längd: " + height + "cm");  
    System.out.println("BMI: " + bmi);  
    System.out.println("Viktklass: Övervikt");  
}
```

```
if (bmi >= 30 && bmi < 35) {  
    System.out.println("vikt: " + weight + "kg");  
    System.out.println("Längd: " + height + "cm");  
    System.out.println("BMI: " + bmi);  
    System.out.println("Viktklass: Fetma klass 1");  
}
```

```
if (bmi >= 35 && bmi < 40) {  
    System.out.println("vikt: " + weight + "kg");
```

```
        System.out.println("Längd: " + height + "cm");
        System.out.println("BMI:  " + bmi);
        System.out.println("Viktklass: Fetma klass 2");
    }

    if (bmi >= 40) {
        System.out.println("vikt: " + weight + "kg");
        System.out.println("Längd: " + height + "cm");
        System.out.println("BMI:  " + bmi);
        System.out.println("Viktklass: Fetma klass 3");
    }
}
}
```

```
//Dennis Fridström JAVAD22
```