

BMI_widget

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Category	Web Runtime (WRT)	Subcategory	

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Overview

BMI is a simple widget application which takes a person's height and weight and based upon that data it calculates the Body Mass Index of a person. BMI widget shows how we can put different images and text in a view based upon the calculation result we get. The widget package is attached below.

html code

```
<html>
<head>
<link rel="StyleSheet" href="BMI.css" type="text/css" />
<script type="text/javascript" src="BMI.js" />
</head>

<body bgcolor="#CDCDB4">
  <!-- Get data -->
  <div id="mainView">
<h2>Your Health</h2>
<h3>
<p>The Body Mass index is a statistical measurement which compares a person's weight and height.
</h3>
<p>
<label for="ht">Enter your height (in cm):</label>
<input class="input" type="text" id="ht" size="4" value="" />
</p>
<p>
<label for="wt">Enter your weight (in kg):</label>
<input class="input" type="text" id="wt" size="4" value="" />
</p>
<input class="button" type="button" name="calc" value="CALCULATE" onClick="showResult();" />
  </div>

  <!-- Show Result -->
  <div id="resultView">
    <h2>Your Health</h2>
<h3>
<u>BMI categories</u>
<p>    <math>BMI < 18.5</math> : UnderWeight</p>
    BMI = 18.5-24.9 : Normal Weight
<p>    BMI = 25-29.9 : Over Weight
<p>BMI > 30 : Obesity</p>

    <p id="output1"></p>
<p id="output2"></p>
```

Overview

BMI_widget

```
<img id="sign" src="" />
<p id="output3"></p>
</h3>
  </div>
</body>
</html>
```

Javascript

Following is the part of javascript file which calculates the BMI:

```
function calculate()
{
    //Get height and Weight of user
    URheight=document.getElementById("ht").value;
    URweight=document.getElementById("wt").value;

    //Calculate BMI
    BMI = (10000*URweight)/(URheight*URheight);

    //Assign image and text according to BMI
    if (BMI < 18.50) {
        var imgSrc = 'img/uw.png';
        return [BMI, word[1], imgSrc]
    }

    if (BMI > 18.50 && BMI < 25) {
        var imgSrc = 'img/ft.png';
        return [BMI, word[0], imgSrc]
    }

    if (BMI > 25 && BMI < 30) {
        var imgSrc = 'img/ow.png';
        return [BMI, word[2], imgSrc]
    }

    if (BMI > 30) {
        var imgSrc = 'img/ob.png';
        return [BMI, word[3], imgSrc]
    }
}
```

ScreenShot

Your Health

The Body Mass index is a statistical measurement which compares a person's weight and height. It is useful to measure a healthy body weight based on how tall a person is.

Enter your height(in cm):

Enter your weight(in kg):

CALCULATE

Widget download

Rename the file to BMI.wgz before installation. [BMI.zip](#)