# BMI widget

## 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.It is useful to measure a healthy
 </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> BMI < 18.5 : UnderWeight</p>
  BMI = 18.5-24.9 : Normal Weight
  <p> BMI = 25-29.9    : Over Weight</p>
  <p>BMI > 30 : Obesity</p>

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


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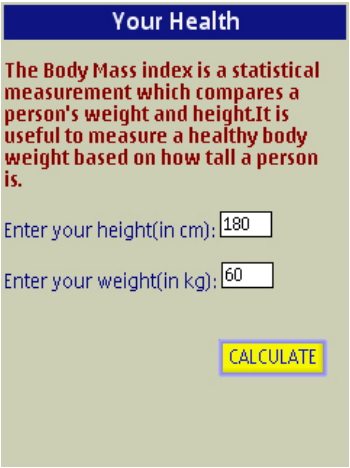


## Widget download

Rename the file to BMI.wgz before installation. BMI.zip


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