

2016 SOFT6008 Assessment #1 (40%)

Deadline

Please upload **single zip file** to blackboard **SOFT6008-Assignment1** by **Midnight Thursday Oct 27th**. Please list your name and student ID in your code comments. It is **your** responsibility to ensure you provide the correct files for this project. **I should not need to modify any of your files to get the project to work correctly!**

You will have to **DEMO** your project during the lab-time on or before **Saturday 29th October** to be awarded marks for this project.

Please refer to late submission guidelines below:

- Up to 1 calendar week delay: 20% of the marks available for the assessment
- Up to 2 calendar weeks delay: 50% of the marks available for the assessment
- Over 2 calendar weeks delay: 100% of the marks available for the assessment

Required Documents & Files

- 1- HTML File ("form.html")
- 2- JavaScript File ("calculate.js")
- 3- CSS File ("style.css")
- 4- Any images included in your project

All separate files are to be compressed into a single ZIP file. **No changes should need to be made to any of your files for your project to work!**

Please keep all JavaScript and CSS as separate files! Inline/Embedded script will not be accepted.

Description of the problem

Create a webpage which allows a user to configure a mug. Mugs come in **five** different colours and have associated costs as per the description overleaf.

Expected Input & Output

The mug comes in four different **sizes**:

- Small €9.99
- Medium €12.99
- Large €14.99
- Extra-large €15.99

Mugs also have four different **upgrades** available:

- Transparent base €3
- Thermos €7
- Upload your logo €6
- Engraved Initials €2

Add-ons:

- Hot plate for your mug €15
- Mug Lid €3
- Mug pull-cord €6

and here are the **supplier** specific options:

- 1kg coffee €15
- Condensed Milk €3
- 1000 Tea Bags €6

When the user clicks on any of the sizes/upgrades/add-ons/supplier options, the read-only “Total Price” form field element should re-calculate the total when the “Calculate Total” button is pressed. For example, selection of the “Medium” size mug will put €12.99 into the read-only Total Price form field when the Calculate Total button is pressed. If “Thermos” is selected, then the Total Price should update to €19.99.

In addition, when the user changes the mug colour in the list, the picture of the mug should automatically change.

Finally, clicking the “Order Now” button should post the form details correctly to <http://atlantis.cit.ie/displayvalues.php>. The “Order Now” button should only send the contents if the read-only “Total Price” field is not empty.

Marking Scheme

1. Good use of HTML	10%
2. Good use of CSS	10%
3. Webpage form fields as per 'Expected input & output' categories	10%
4. Mug Colour Changing	15%
5. Functioning "Calculate Total" button	40%
6. Functioning "Order Now" button with "Total Price" field validation	10%
7. In-Lab DEMO	5%

Notes:

The marks listed are the maximum marks available for each task. Merely completing the task will not attract the maximum mark. Marks will be awarded for efficient code, originality, and demonstrated skill.

Students are expected to write all the code themselves. Where students elect to use code taken from the web or from others all such code must be clearly identified and clearly delineated.

You will have to **DEMO** your project during the lab-time on or before **Saturday 29th October** to be awarded marks for this project.