**IS1113 – BIS1 2019/20**

***Web Design, Development & Deployment Project.***

***A*** dynamic presentation of data using **HTML**, **CSS, Javascript**, ***JS Frameworks***

***The following requirements apply to your web site:***

A. Menu which facilitates ease of navigation about your site.

B. Your web site must contain the following sections (with supporting content pages):

**Part 1** - Your online CV (**omitting any personal contact details**).

**Part 2** - Your interests incorporating ***JS Framework (JQuery)*** technology.

**Part 3** – Create your own Strategic Consulting Services Online Shop.

**Part 4** – Enable your clients to transact using an Ebusiness JavaScript Calculator.

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C. Host your web-application.

D. The website should be validated as HTML5 against the W3C validator <http://validator.w3.org/>

E. Web page layout must be achieved using **ONLY CSS and Divs** and your website should follow a coherent design that unifies all the pages of your website**.**

F. The project must be submitted on **1 CD non-zipped & CD Surface labelled** **with the following** information: (**student name, student id and hosted URL details**)

***Some Details regarding your web site Content Pages:***

**Part 1 – Your CV**

Create your CV on the web. This must consist of the following web pages (page1 – personal details, page2 – educational details, page3 – part-time work experience). It needs to be properly formatted, easy to navigate. **IMPORTANT you should omit (using ‘\*\*\*’ characters) any personal contact information such as your Address, Contact phone number etc** (as you will be hosting your site to a Web Server that is connected to the Internet) however all other CV content should be relevant to you & accurate.

**The Bootstrap frontend framework is to be used ONLY for the CV section (Part 1 ONLY)**. To get Bootstrap working on your webpage put the following links in the header of the CV HTML files:

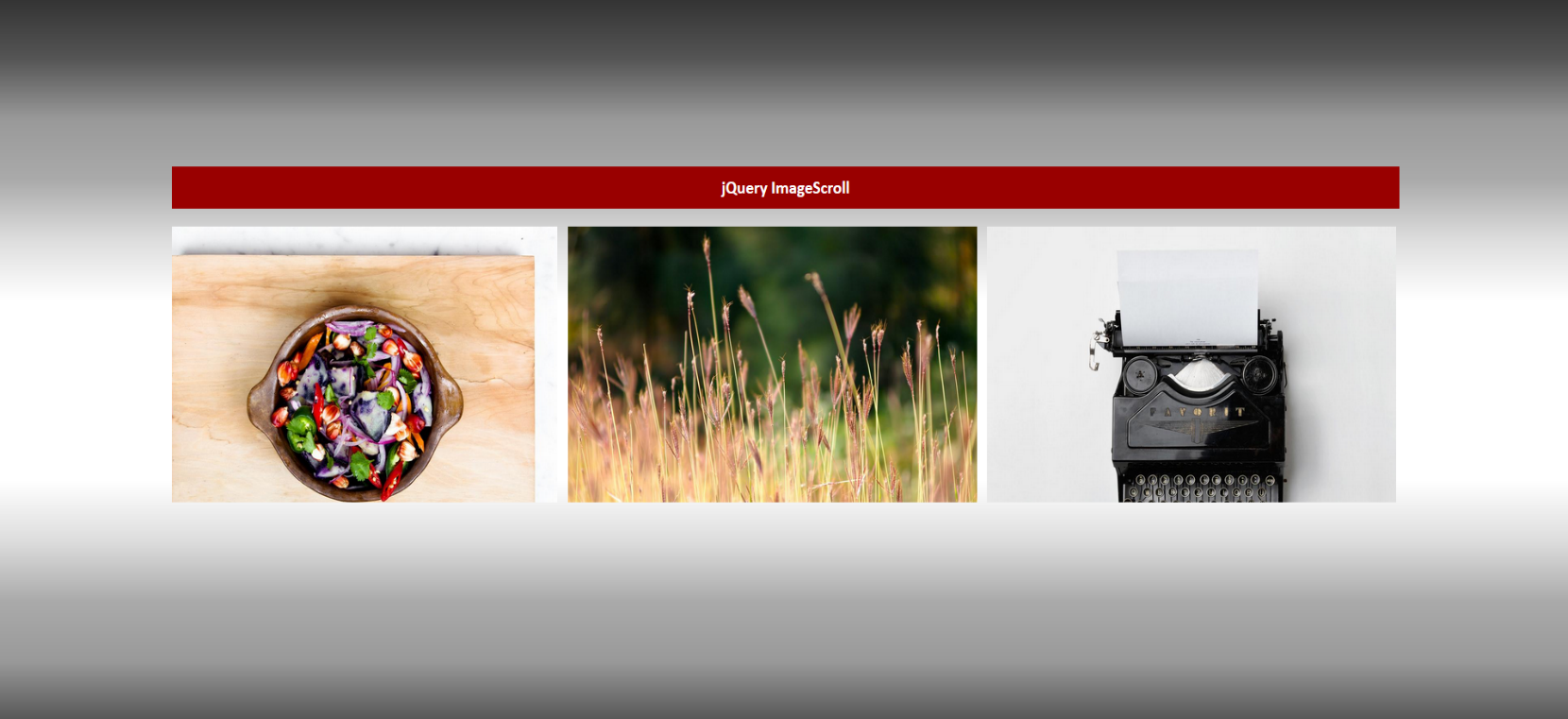
<!-- Latest compiled and minified CSS -->

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0-beta.2/css/bootstrap.min.css" integrity="sha384-PsH8R72JQ3SOdhVi3uxftmaW6Vc51MKb0q5P2rRUpPvrszuE4W1povHYgTpBfshb" crossorigin="anonymous">

**Part 2 – Your Interests**

Develop a highly creative section of your site devoted to something(s) in which you are interested. Your interests will be broken into the following sections:

* Sports
* Travel

Using **jQuery technology** you must also **dynamically present images** pertaining to your Interests by creating a **jQuery ImageScroll .** Reference here: https://www.jqueryscript.net/demo/Simple-Automatic-Image-Scroller-with-jQuery-ImageScroll/

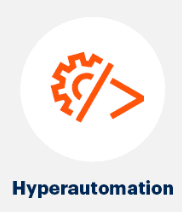
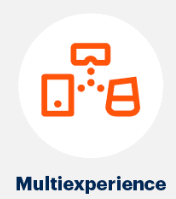
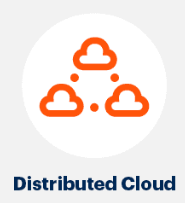
**Part 3 –** Strategic Consulting Services

You are a Consulting Service, who supplies the latest of Consulting offerings to the market. You must create a website to inform your customers about your company.

**IMPORTANT – this MUST BE a fictitious company & your page MUST NOT contain any real contact information, such as name, phone numbers, addresses or emails etc.**

To this end, your website must include an “About Consulting” webpage containing research on what is:

* Hyperautomation
* Multiexperience
* Distributed Cloud

**Each of the above section must also contain links to respective web content describing same.**

**Part 4 - Ebusiness for your own Consulting Organisation**

Your company is also looking to provide services via the web. Therefore, add a **“Services” page** within your company site.

**Using JavaScript, implement a simple “Ebusiness” section of your website. This will contain at the very least** (and must be named **Ebus1.html**)**:**

A calculator **offering ONLY 3 Cloud Services mentioned in ‘About Consulting’ page**. The total should be calculated based on selected **radiobutton** values.

At least 2 command buttons providing capability to:

o   **Calculate Cost (Calculates Sub Total, Discount, Vat and Total Price)**

o   **Clear current selections**

IMPORTANTLY the JavaScript code **MUST** **contain ONLY the following** **3 JavaScript functions in ebus1.html such that:**

* The1st JavaScript function which must be named ***calcSub().***
* calculate the subtotal amount based on the service selected.
* It must then call a 2rd JavaScript function called **calcVatTotal().**
* And, pass the calculate Sub Total as an argument named “argSelection” to it.
* The 2rd JavaScript function which must be named ***calcVatTotal()***
* parameter variable named “parmSelection” will receive the value.
* calculate the value of: discount, vat & totalprice.
* It must then call a 3rd JavaScript function called calcDisp().
* And, pass the calculated values as arguments named

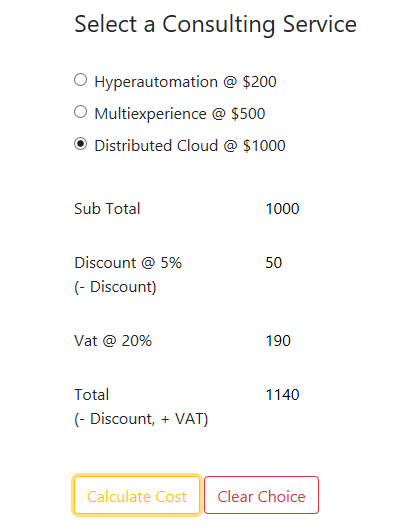
argsubTotal,argdiscountAmt,argvatAmt,argtotalPrice to it.

* The 3rd JavaScript function which must be named ***calcDisp()***
* parameter variables named parmsubTotal,parmdiscountAmt,parmvatAmt,parmtotalPrice will

receive the arg.s

* display the value of: discount, vat, subtotal & totalprice

***ebus1.html – (Contains HTML & JavaScript)***

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