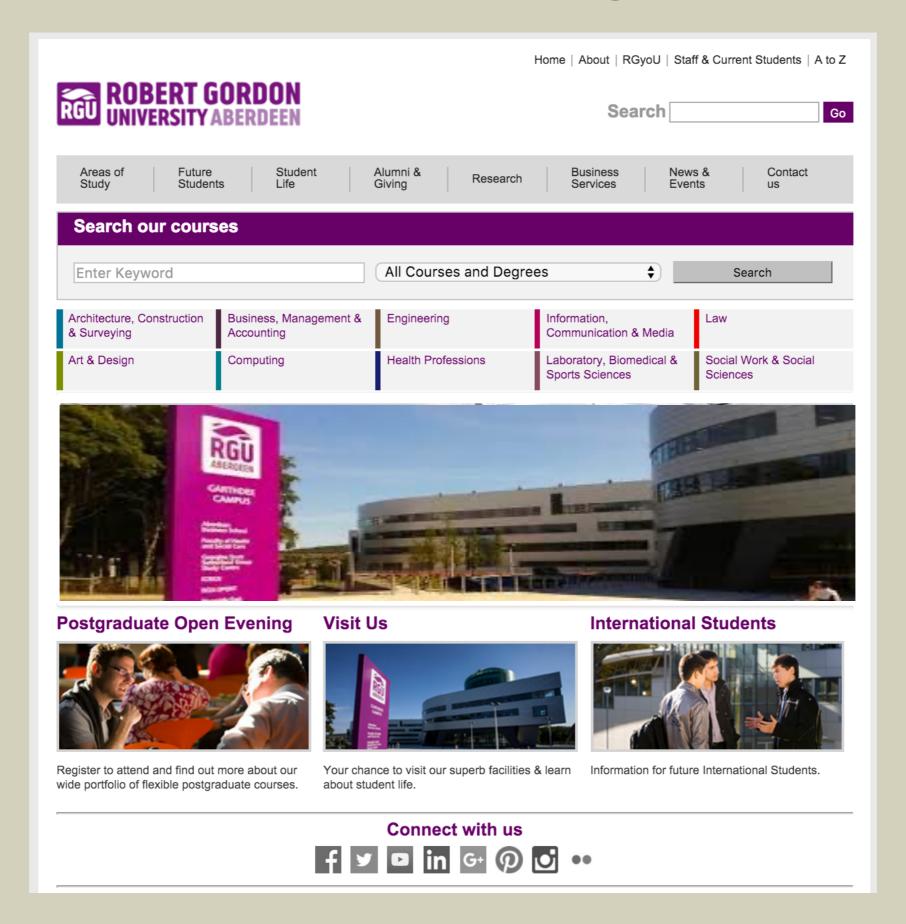
CREATING HTML FROM A TEMPLATE WITH A SECOND SECOND

The purpose of this tutorial is to give you an understanding into how you can create the HTML from a web page template. Before attempting this tutorial you should have a rough understanding of the different semantic HTML elements and have a good idea into how HTML pages are structured.

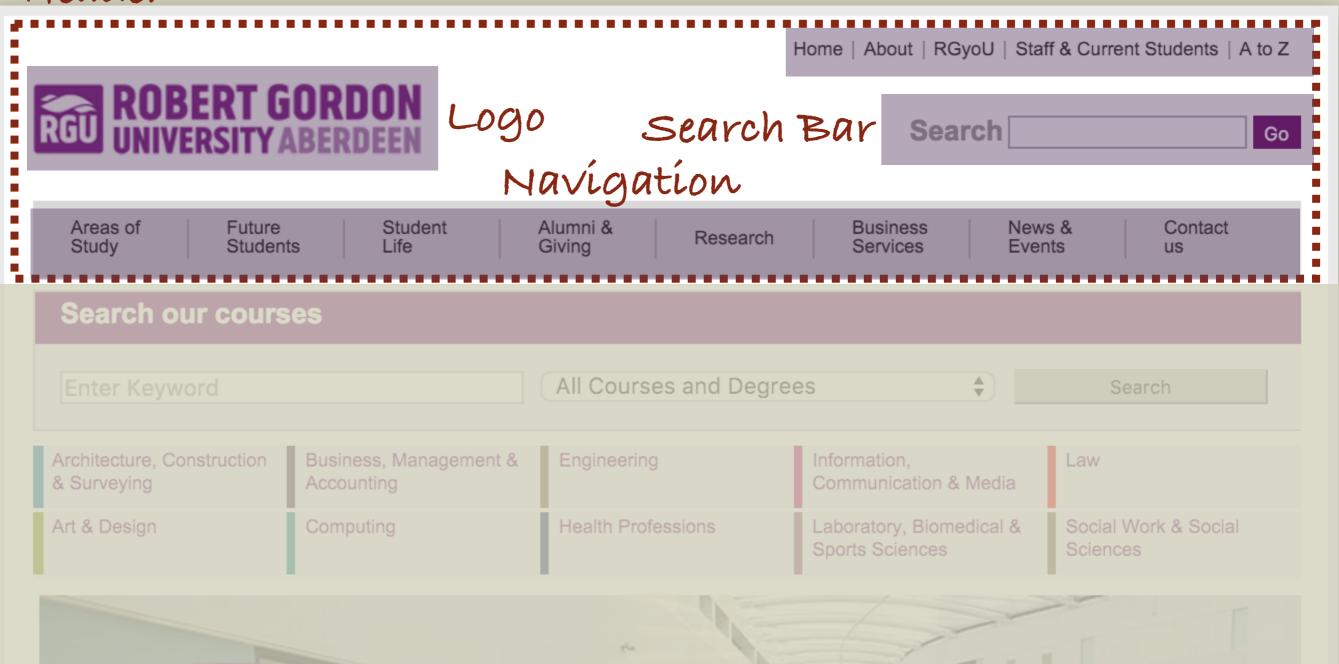
Follow the slides along and attempt to copy out pieces by yourself. Once you are completed you'll want to try to replicate this process on another page of your own choosing.

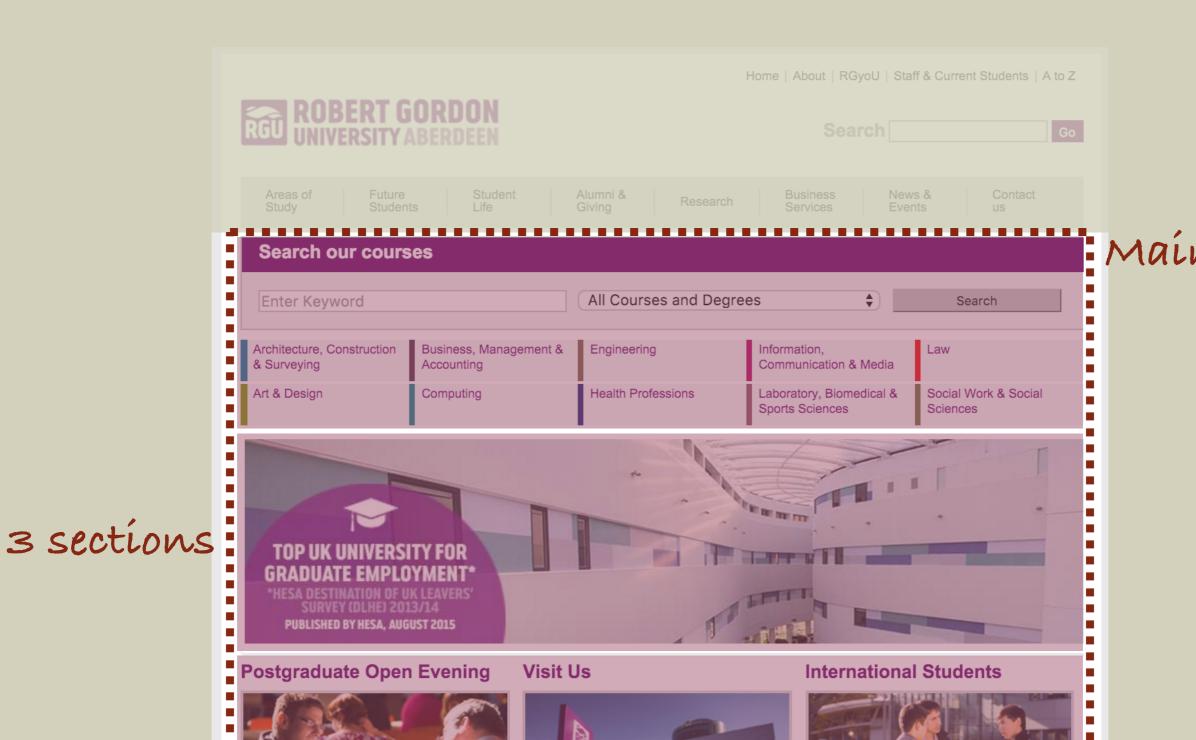
Going to create this HTML page from a template



Header

Quick Links







Register to attend and find out more about our wide portfolio of flexible postgraduate courses.



Your chance to visit our superb facilities & learn Information for future International Students. about student life.



Connect with us







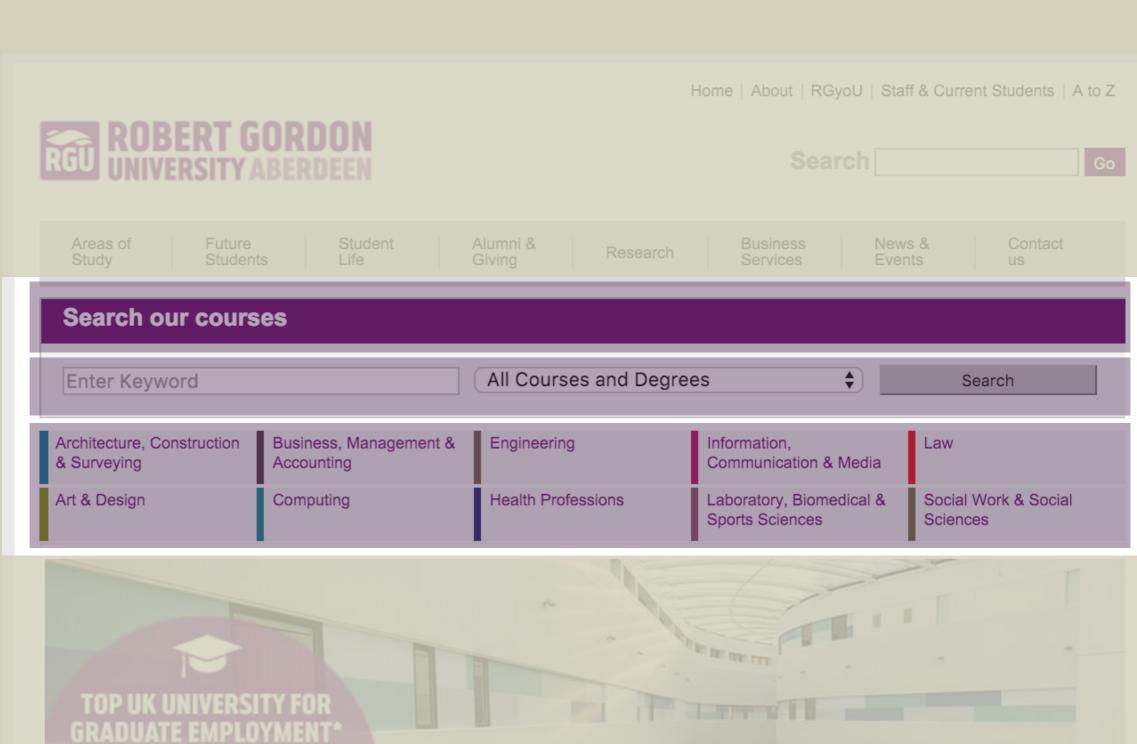












Header Form Navigation



Postgraduate Open Evening

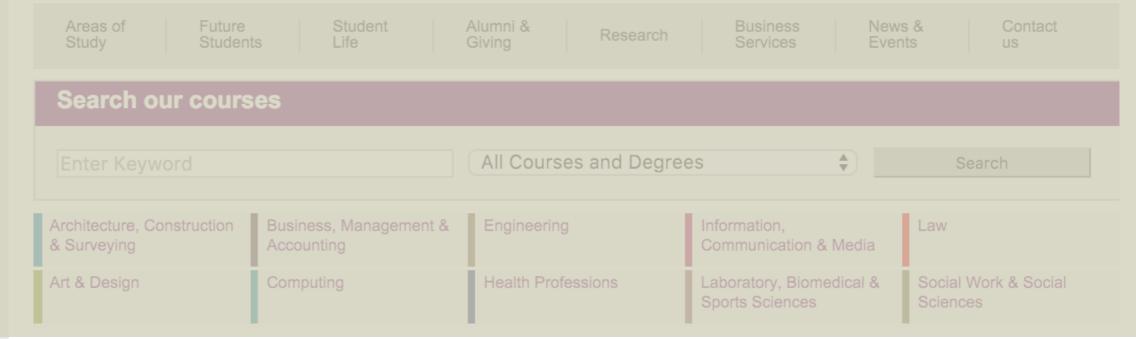
Visit Us

International Students









Image



Postgraduate Open Evening



Visit Us



Your chance to visit our superb facilities & learn

International Students



Information for future International Students.

Connect with us

















Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

Visit Us



Your chance to visit our superb facilities & learn about student life.

International Students



Information for future International Students.

Connect with us











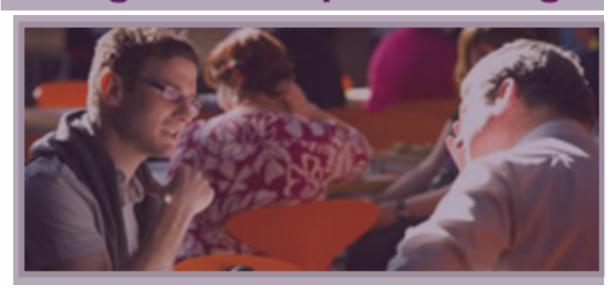


*HESA DESTINATION OF UK LEAVERS
SURVEY (DLHE) 2013/14
PUBLISHED BY HESA, AUGUST 2015

Header

Text (description)

Postgraduate Open Evening



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.







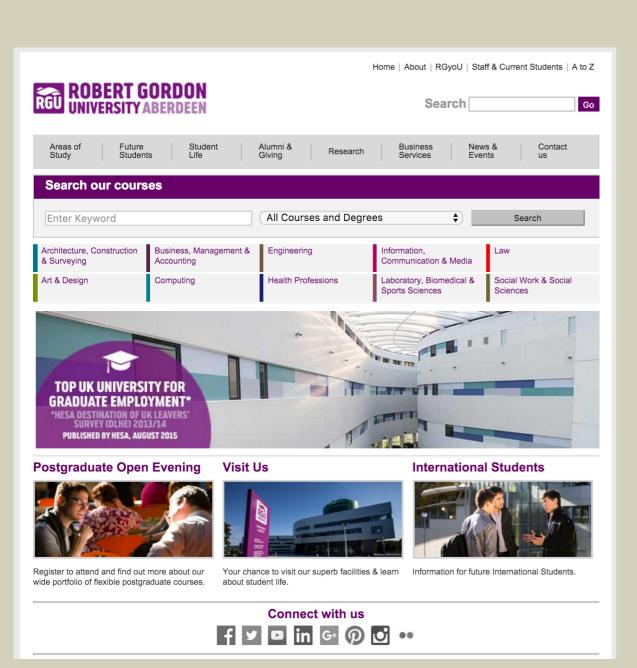


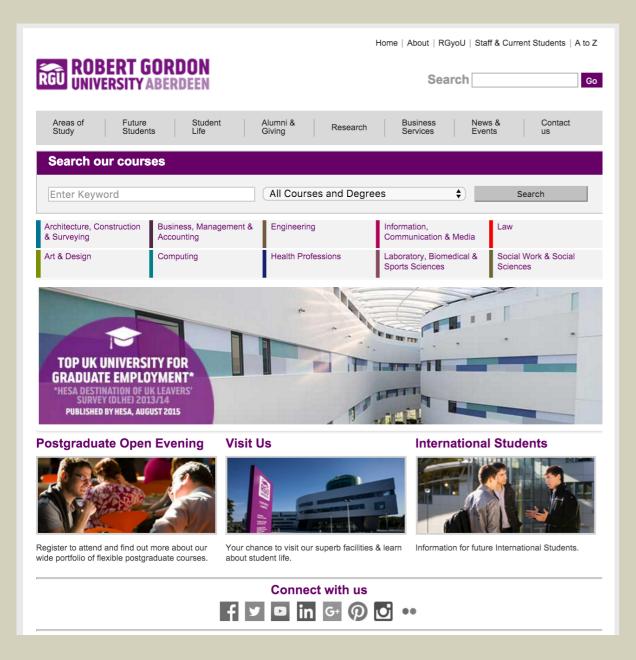
Your chance to visit our superb facilities & learn Information for future International Students. about student life. Heading

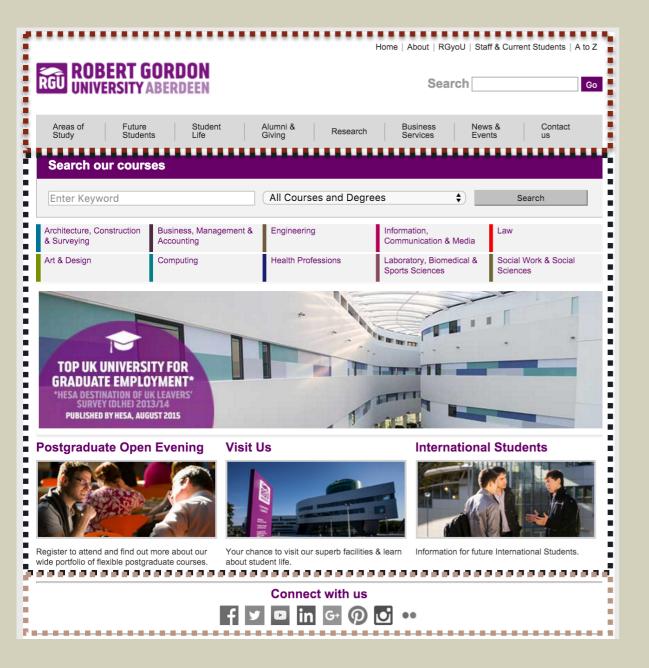
Connect with us



Footer Links







```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <title>RGU Homepage</title>
</head>
<body>
   <!--START OF HEADER -->
    <header>
    </header>
    <!--END OF HEADER -->
    <!--START OF MAIN -->
    <main>
    </main>
    <!--END OF MAIN -->
    <!--START OF FOOTER -->
    <footer>
    </footer>
    <!--END OF FOOTER -->
</body>
</html>
```



Search

</header>

Future Students

Student Life Alumni & Giving

Research

Business Services News & Events

Contact us

img id="rgu_logo" src="robertgordonlogo.jpeg" alt="Robert Gordon University"/>

nternational Students



Search Go

Areas of Study

Future Students

Student Life

Alumni & Giving

Research

Business Services

News & **Events**

Contact us

```
<div id="quicklinks">
```

```
ul>
     <a href ="#">Home</a>
     <a href ="#">About</a>
     <a href ="#">RGYou</a>
     <a href ="#">Staff & Current Students</a>
     <a href ="#">A to Z</a>
  </div>
```

- 1. Create a **DIV** to hold the information in
- 2. It is best to use an unordered list to create a series of links
- 3. Use the # symbol when we don't yet know where the link is going to go



Search		Go
--------	--	----

Future Students Student Life Alumni & Giving

Research

Business Services News & Events

Contact us

```
<img id="rgu_logo" src="robertgordonlogo.jpeg" alt="Robert Gordon University"/>
                  1. Give the logo an id so that we can style it later in css
                  2. Use src to give the location of the logo
                  3. Give the image alternative text to aid with accessibility
```





Future Students

Student Life Alumni & Giving

Research

Business Services News & Events

Contact

headeearch our courses

- 1. Contain the search box in a DIV and give it an ID to make styling easier in CSS
- 2. The search box should be contained within a form
- 3. Use the **text** input type to create the box
- 4. Use the **submit** input type to create the button
- 5. In the future we would add a location for this form to be sent to

```
<img id="rgu_logo" src="robertgordonlogo.jpeg" alt="Robert Gordon University"/>
```

nternational Students



Search

Future Students

Student Life Alumni & Giving

Research

Business Services

News & Events

Contact us

- 1. Similar to before when creating this navigation bar
- 2. Remember to use a list
- 3. This time, we can use the **nav** element to contain everything together



Search	Go

Future Students Student Life Alumni & Giving

Research

Business Services News & Events

Contact us

```
<header>
   <div id="quicklinks">
      ul>
          <a href ="#">Home</a>
          <a href ="#">About</a>
          <a href ="#">RGYou</a>
          <a href ="#">Staff & Current Students</a>
          <a href ="#">A to Z</a>
      </div>
   <img id="rgu_logo" src="robertgordonlogo.jpeg" alt="Robert Gordon University"/>
   <div id="seachbox">
      <form>
          Search
          <input type="text" name="searchfield">
          <input type="submit" value="Go">
      </form>
   </div>
   <nav>
      ul>
          <a href ="#">Areas of Study</a>
          <a href ="#">Future Students</a>
          <a href ="#">...</a>
          <a href ="#">Contact Us</a>
      </nav>
</header>
```



Information,

Engineering

Postgraduate Open Evening

Architecture, Construction



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

Visit Us

Business, Management &



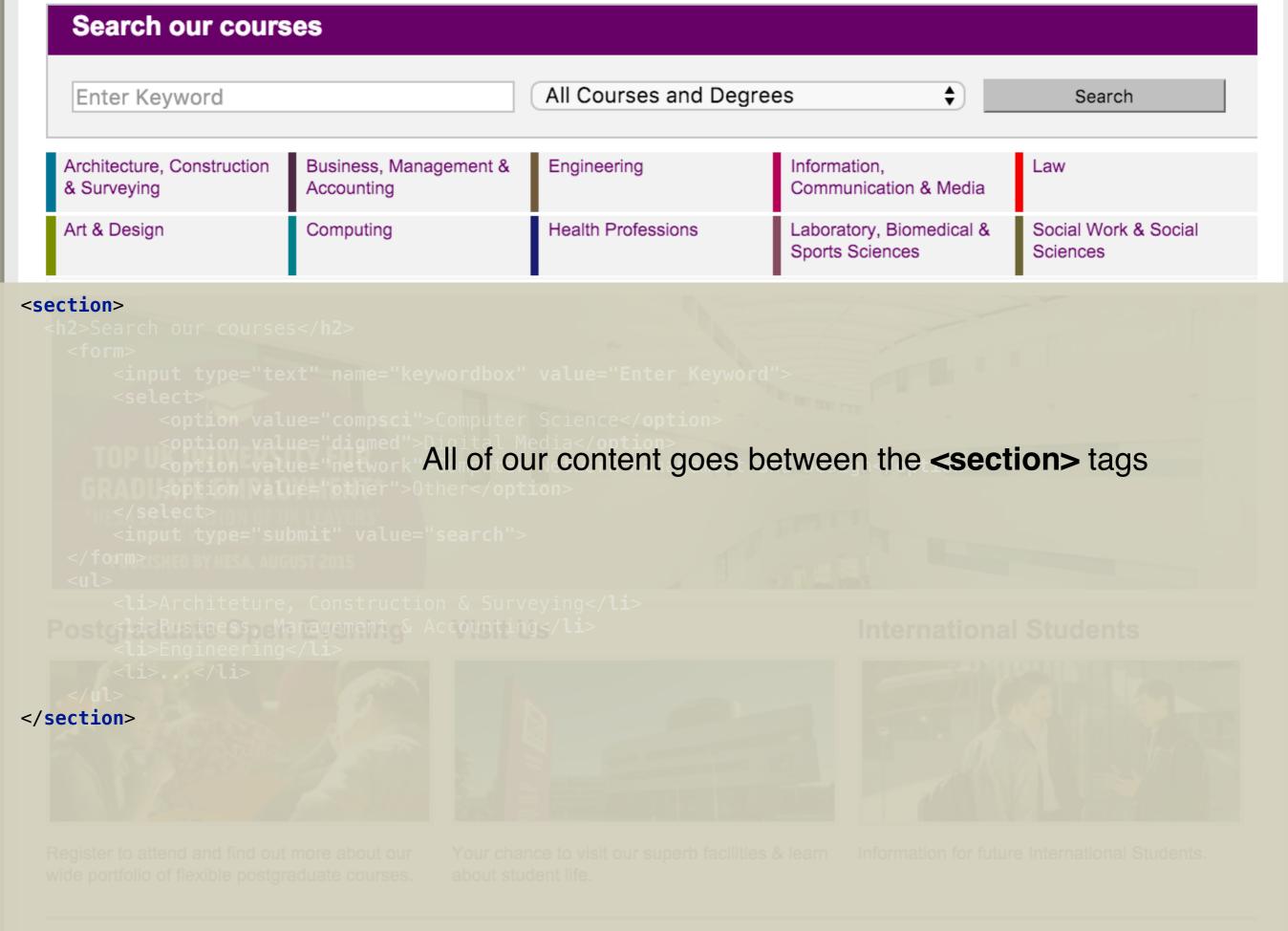
Your chance to visit our superb facilities & learn about student life.

International Students



Information for future International Students.

Split the <main> into 3 <section> tags



Connect with us

All Courses and Degrees Enter Keyword Search Architecture, Construction Business, Management & Engineering Information. Law & Surveying Communication & Media Accounting Computing **Health Professions** Laboratory, Biomedical & Social Work & Social Art & Design Sports Sciences Sciences

```
<h2>Search our courses</h2>
                                                     Create our header for this section
```

Register to attend and find out more about our wide portfolio of flexible postgraduate courses

Search our courses

Your chance to visit our superb facilities & learn about student life

Information for future International Students.

Search our courses Enter Keyword All Courses and Degrees Search Architecture, Construction & Surveying Business, Management & Engineering Information, Communication & Media Law

Laboratory, Biomedical &

Sports Sciences

Social Work & Social

Sciences

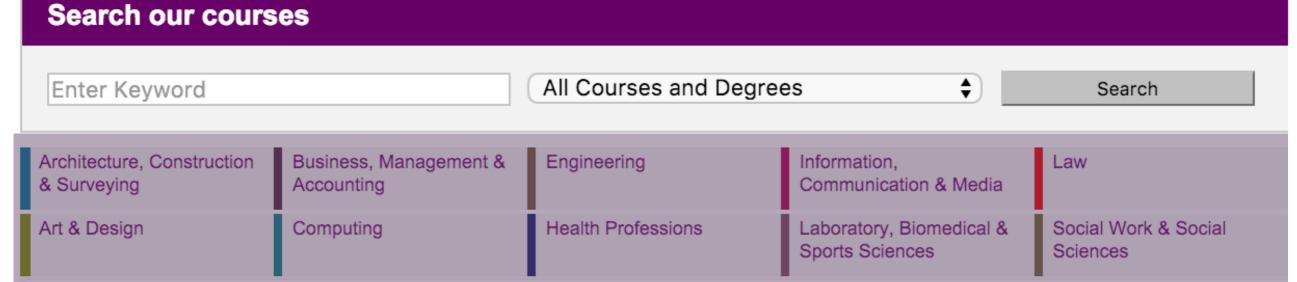
Health Professions

<section>

Art & Design

Computing

- 1. Create the form allowing people to search
- 2. use the text type for the first box
- 3. use a <select> for the second
 - 1. Every option in the dropdown has to have an option
- 4. Use a **submit** type for the button



```
input type="text" name="keywordbol. Create an unordered list to hold all of the links
                               2. use to hold each one
      <option value="compsci">Compute
<option value="digmed">Digital
                                     spot the mistake... I should have done the following...
                                     <a href="#">My link text</a>
ul>
   Architeture, Construction & Surveying
   Business, Management & Accounting
   Engineering
```

wide portfolio of flexible postgraduate courses. — about student life.

Search our courses All Courses and Degrees Enter Keyword Search Architecture, Construction Business, Management & Engineering Information. Law & Surveying Communication & Media Accounting Health Professions Social Work & Social Computing Laboratory, Biomedical & Art & Design **Sports Sciences** Sciences <section> <h2>Search our courses</h2> <form> <input type="text" name="keywordbox" value="Enter Keyword"> <select> <option value="compsci">Computer Science</option> <option value="digmed">Digital Media</option> <option value="network">Computer Network Management and Design <option value="other">Other</option> </select> <input type="submit" value="search"> </form> ul> Architeture, Construction & Surveying Business, Management & Accounting Engineering :... </section>

Register to attend and find out more about our Your chance to visit our superb facilities & learn Information for future International Students wide portfolio of flexible postgraduate courses. about student life.



<section>

<img src="advertbanner.png" alt="Top UK University for Graduate Employment - HESA Destination of UK
Leavers Survey 2013/14. Published by HESA, August 2015"/>

</section>

- · Fairly easy section, just remember to include the alt text for the image.
 - If there is text in the image you should have the text in the 'alt' (screenreaders can't read images)



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

Visit Us



Your chance to visit our superb facilities & learn about student life.

International Students



Information for future International Students.

```
<section>
    <!-- Article 1 -->
    <article>
    </article>
    <!-- Article 2 -->
    <article>
    </article>
    </article>
    <!-- Article 3 -->
    <article>
    </article>
    </article>
</article>
</section>
```

Split the 3 different articles into 3 different article tags and do each one



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

```
<article>
```

</article>

<h3>Postgraduate Open Evening</h3>

Register to attend...

Contain everything inside the **<article>** tags



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

```
<article>
    <h3>Postgraduate Open Evening</h3>
    <img src="newsarticle1.png" alt="Postgraduate students talking">
     Register to attend...
</article>
```

Put the article heading in <h3> tags



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

```
// rticle>
     <h3>Postgraduate Open Evening</h3>
     <img src="newsarticle1.png" alt="Postgraduate students talking">
      Register to attend...
/article>
```

Remember to say where the image is (**src**) and what the images is (**alt**)



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

```
<article>
    <h3>Postgraduate Open Evening</h3>
    <img src="newsarticle1.png" alt="Postgraduate students talking">
    Register to attend...
</article>
```

Put the text in a tag



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

```
<article>
     <h3>Postgraduate Open Evening</h3>
     <img src="newsarticle1.png" alt="Postgraduate students talking">
     Register to attend...
</article>
```



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

Visit Us



Your chance to visit our superb facilities & learn about student life.

International Students



Information for future International Students.

```
<section>
   <!-- Article 1 -->
   <article>
       <h3>Postgraduate Open Evening</h3>
       <img src="newsarticle1.png" alt="Postgraduate students talking">
       Register to attend...
   </article>
   <!-- Article 2 -->
   <article>
       <h3>Visit Us</h3>
       <img src="newsarticle2.png" alt="Sir Ian Wood Building">
       Your chance to visit...
   </article>
   <!-- Article 3 -->
   <article>
       <h3>International Students</h3>
       <img src="newsarticle3.png" alt="Students deep in thought">
       Information for future...
   </article>
</section>
```

Connect with us









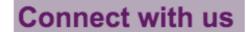








Contain everything within the **<footer>** tags



















Create the heading for this section

Connect with us



- 1. Create the set of links
- 2. ul> to create the unordered list
- 3. <Ii> for each item
- 4. <a> to let every image link to somewhere
- **5.** to have the image itself

Home | About | RGyoU | Staff & Current Students | A to Z

News &

Business



Future

Student

Areas of

Search Go

Contact

Study Studen	ts Life	Giving	Services Ever	nts us			
Search our courses							
Enter Keyword All Courses and Degrees \$ Search							
Architecture, Construction & Surveying	Business, Management & Accounting	Engineering	Information, Communication & Media	Law			
Art & Design	Computing	Health Professions	Laboratory, Biomedical & Sports Sciences	Social Work & Social Sciences			

Research

Alumni &



Postgraduate Open Evening



Register to attend and find out more about our wide portfolio of flexible postgraduate courses.

Visit Us



about student life.

International Students



Your chance to visit our superb facilities & learn Information for future International Students.

Connect with us













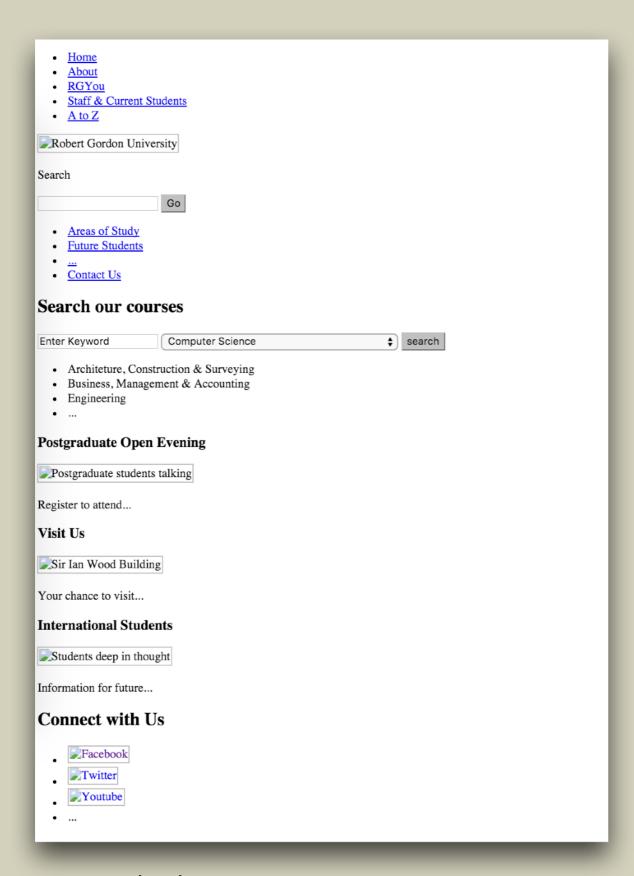
```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta_charset="UTF-8">
    <title>RGU Homepage</title>
<body>
    <header>
        <div id="quicklinks">
            <l
                <a href ="#">Home</a>
                d href ="#">About</a>

di>a href ="#">FGYou</a>

di>a href ="#">Staff & Current Students</a>

                <a href ="#">A to Z</a>
            </ul>
        </div>
        <img id="rgu_logo" src="robertgordonlogo.jpeg" alt="Robert Gordon University"/>
        <div id="seachbox">
            <form>
                Search
                <input type="text" name="searchfield">
<input type="submit" value="GO">
            </form>
        </div>
        <nav>
            ul>
                <a href ="#">Areas of Study</a><a href ="#">Future Students</a><a href ="#">...</a></a>
                <a href ="#">Contact Us</a>
            </ul>
        </nav>
    </header>
       --END OF HEADER --->
    <!--START OF MAIN -->
    <main>
        <section>
          <h2>Search our courses</h2>
            <form>
                <input type="text" name="keywordbox" value="Enter Keyword">
                <select>
                    <option value="compsci">Computer Science</option>
<option value="digmed">Digital Media</option>
                    <option value="network">Computer Network Management and Design</option>
                    <option value="other">Other</option>
                </select>
                <input type="submit" value="search">
            </form>
                Architeture, Construction & SurveyingBusiness, Management & Accounting
                 Engineering
                <\li>...
            </section>
            <img src="advertbanner.png" alt="Top UK University for Graduate Employment -</pre>
HESA Desintation of Uk Leavers Survey 2013/14. Published by HESA, August 2015">
        </section>
        <section>
            <article>
                <h3>Postgraduate Open Evening</h3>
                 <img src="newsarticle1.png" alt="Postgraduate students talking">
                 Register to attend...
            </article>
             <!-- Article 2 ---
            <article>
                <h3>Visit Us</h3>
                 <img src="newsarticle2.png" alt="Sir Ian Wood Building">
                 Your chance to visit...
            </article>
            <article>
                <h3>International Students</h3>
                <img src="newsarticle3.png" alt="Students deep in thought">
                 Information for future...
            </article>
        </section>
      --END OF MAIN -->
     !--START OF FOOTER -->
        <h2>Connect with Us</h2>
        ul>
            <a href="http://www.facebook.com"><img src="facebooklogo.png"</li>
alt="Facebook"></a>
            <a href="http://www.twitter.com"><img src="twitterlogo.png" alt="Twitter">///

a>
            <a href="http://www.youtube.com"><img src="youtubelogo.png" alt="Youtube"></
a>
            :...
        </footer>
         END OF FOOTER -->
</hody>
```



Remember, this is only the HTML (the structure) We still need to make the CSS (the design)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta_charset="UTF-8">
    <title>RGU Homepage</title>
<body>
        <div id="quicklinks">
           <111>
                <a href ="#">Home</a>
                d href ="#">About</a>

di>a href ="#">FGYou</a>

di>a href ="#">Staff & Current Students</a>

                <a href ="#">A to Z</a>
            </ul>
        </div>
        <img id="rgu_logo" src="robertgordonlogo.jpeg" alt="Robert Gordon University"/>
        <div id="seachbox">
            <form>
                Search
               <input type="text" name="searchfield">
<input type="submit" value="GO">
            </form>
        </div>
        <nav>
           ul>
                <a href ="#">Areas of Study</a>
                <a href ="#">Future Students</a><a href ="#">...</a></a>
                <a href ="#">Contact Us</a>
           </ul>
        </nav>
       -END OF HEADER -->
     :!--START OF MAIN -->
        <section>
         <h2>Search our courses</h2>
            <form>
                <input type="text" name="keywordbox" value="Enter Keyword">
                    <option value="compsci">Computer Science</option>
<option value="digmed">Digital Media</option>
                    <option value="network">Computer Network Management and Design
                    <option value="other">Other</option>
                </select>
                <input type="submit" value="search">
                Architeture, Construction & Surveying
                Business, Management & Accounting
                Engineering
                <\li>...
        </section>
           <img src="advertbanner.png" alt="Top UK University for Graduate Employment -</pre>
HESA Desintation of Uk Leavers Survey 2013/14. Published by HESA, August 2015">
        </section>
        <section>
            <article>
                <h3>Postgraduate Open Evening</h3>
                <img src="newsarticle1.png" alt="Postgraduate students talking">
                Register to attend...
            </article>
            <!-- Article 2 -
            <article>
                <h3>Visit Us</h3>
                <img src="newsarticle2.png" alt="Sir Ian Wood Building">
                Your chance to visit...
            </article>
                <h3>International Students</h3>
                <img src="newsarticle3.png" alt="Students deep in thought">
                Information for future...
            </article>
        </section>
    <!--END OF MAIN -->
    <!--START OF FOOTER -->
        <h2>Connect with Us</h2>
        ul>
            <a href="http://www.facebook.com"><img src="facebooklogo.png"</li>
alt="Facebook"></a>
            <a href="http://www.twitter.com"><img src="twitterlogo.png" alt="Twitter"></
a>
            <a href="http://www.youtube.com"><img src="youtubelogo.png" alt="Youtube"></
            :...
        </footer>
</hody>
```