Make a copy of the answer sheet at <https://docs.google.com/document/d/1D1h-XtCF-p5NVaye89AanSsB-GqHvp0aolkqx0ajNuM/edit?usp=sharing> ; paste your answers there.

1. Assume a web page is served from <http://domain.com/about/index.html>, and it includes a script tag with a **src** attribute of "../script.js" ; when the browser makes an HTTP request for that file, what will be the URL of that request?

Http://domain.com/about/script.js

1. For the site <https://developers.google.com/machine-learning/crash-course/> , write some jQuery script to add another menu element after "Data Prep". The text of that element should be UIC CS and it should open <https://www.cs.uic.edu/>   
   (This could be written as one line or using multiple lines; test that it works in the console.)

$(".devsite-doc-set-nav-tab-list").append("<li class="devsite-doc-set-nav-tab-container devsite-nav-tab

"><a href="https://https://www.cs.uic.edu/" class="devsite-doc-set-nav-active devsite-nav-tab

devsite-doc-set-nav-tab devsite-doc-set-nav-tab-link gc-analytics-event" aria-label="Crash Course, selected" data-category="Site-Wide Custom Events" data-label="Tab: UIC CS">

UIC CS

</a></li>");

1. Write out the meta tag necessary for our responsive designs to function well on small screens.

<meta name="viewport" content="width=device-width, initial-scale=1">

1. Regarding the City of Chicago dataset named "Lobbyist Data - Compensation" , write a script that gets the data for client 28861 , calculates the total compensation, and logs it to the console.

$.ajax({  
 url: "https://data.cityofchicago.org/resource/7t48-pmge.json?Lobbyist\_id=28861",  
 type: "GET",  
 data: {  
 "$limit" : 5000  
 }  
}).done(**function**(data) {  
 alert("Retrieved " + data.length + " records from the dataset!");  
 console.log(data);

console.log(data.compensation\_amount);  
});

1. Create a new, empty GitHub repository, name it "IT202-Final", initialize it with a ReadME, turn on GitHub pages, and supply the GH Pages URL. This is where your coding project should be available; you can edit/upload directly on GitHub or create a project in Codio and push.

<https://cthiem2.github.io/IT202-FINAL/>

1. Take a look at this new(er) feature of the Chrome Dev Tools: <https://developers.google.com/web/updates/2018/08/devtools#watch>   
   In your console, create a Live Expression to display the window's inner width, then see how that changes when you resize the Dev Tools pane. Do a screen grab (Google it if you don't know) and paste it into the answer sheet. (If your browser version doesn't have this feature, indicate so on the answer sheet.)

Coding question - Choose 1

* Create a Bootstrap page that lets a user search the NYT Movie Reviews (using their API.) The user should be able to enter a term that filters the search. For each returned review, the output should be a card that includes
  + headline, rating, byline, publication date, short summary and the first image in the list of multimedia objects;
  + if an item isn't present in that entry, the card should indicate that;
  + if no items are returned, the page should display a specific message.
* Create a Material Components page which contains
  + a button that opens a dialog with any text display,
  + when the dialog box **ok** button is clicked, the page requests data from the City of Chicago dataset named **Chicago Public Schools - School Profile Information SY1718 ,** (for schools with primary category of high school,
  + when the data is returned, a snackbar element shows with a message indicating the number of records returned, and
  + each school is displayed as a card with name, address and a link to its website.
* Create a Google Maps page that pulls records from the NASA Open Data Portal data set named **Meteorite Landings** for landings in 1950. Include the controls so that the user can toggle between map and satellite views. Display a marker for each record; if a record doesn't have a geolocation, you can ignore it. Use a different, custom marker to indicate if the meteor "Fell" or was "Found"; create an info window with name, id and mass; and draw a circle around that point, with the size of the circle being dependent on the mass of the meteor. (Make it reasonable.)   
  this
* Create a page that displays images stored in a IndexedDB named "pictures." The page should also include buttons to invoke the camera to take a new picture, add a tag/name and store that new picture in the IndexedDB. The data store should be indexed on the name. **DO NOT** index it on the images themselves. The page should also include a button to speak the tag/name when clicked. (Please watch your device volume as you work on this part.)