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## COMP1850 ASSIGNMENT 06

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### OBJECTIVES

Build a responsive layout using Flex and Grid box.

### DUE DATE

Assigned during session 09, due 11:59pm the night before session 10.

### REQUIREMENTS

Re-create a layout with the same basic orientation and responsive qualities as the homepage of this website: <https://cbc.ca/>

If your browser uses an ad blocker, disable it when examining the site so that you will see all the page components that need to be included.

Your layout should include the following segments of content from the original site:

- The header, navigation at the top (navigation links don't need to work or pop up)
- The main section of articles at the top of the page, as well as the advertisements
- CBC News
- My Local
- Live Radio
- More from CBC
- Footer

You may use the resources provided for the logo, and the images to be used in the articles (you may repeat the same image in several articles). Use 'Lorem Ipsum' text to add some text to each article.

First plan out your strategy for the structure of the HTML, keeping in mind the capabilities of the linear Flexbox and 2-dimensional Grid box. Use the most semantic tags possible, but remember the semantic free div can be very useful for re-organizing parent-child relationships for flex/grid layouts.

Use your browser tools to help you measure the various breakpoints for your media queries.

Test the original site thoroughly to understand how content should be oriented.

Additional requirements on next page...

Ensure your pages meet the following expectations:

- Content needs to orient in at least three ways, each time matching the allocation and orientation used by the source site:
  1. Thin viewports using a one column layout
  2. Medium width viewports using three columns
  3. Wide screen using four columns
- In wide screens, the image in the first article is oriented beside rather than above the article text.
- In wide browsers layout must have a maximum width and be centered

## **SUBMISSION**

Before the due date, compress all assignment resources (HTML, CSS, JS, images, folders, etc) into a single **.ZIP**. Upload **.ZIP** to

**learn.bcit.ca > Content > Session09 > Assignment06 Dropbox**