

Flexbox

Exercises

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# Flexbox Layout

Create a web page like the following:

A screenshot of a social media post

Description automatically generated

Constraints:

* Change the document **title** to "**Flexbox Layout"**
* Create header, main, aside and footer elements
* Set to the body display property flex
* Each element must have flexgrow, flexshrink and flexbasis

## FlexModel Articles

Create a web page like the following:

A screenshot of a cell phone

Description automatically generated

Constraints:

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* Create a section with three articles inside
* The article should have a h2 title and a paragraph (p)
* Fonts
  + Font family Helvetica, sans-serif with font size 16px and line height 1.5 for the html
  + Font family Georgia, serif with font size 1em and line height 1.2 for the headings
* Change the section display property to flex and set justify-content: space-between
* Set on the section max-width 70vw

## ABC Game

Create a web page like the following:

A close up of a device

Description automatically generated

Constraints:

* Change the document **title** to "**ABC Game"**
* Create a section with three articles inside
* Create a div with class container and twelve span tags inside
* Type the letters in the spans EXACTLY as they are in the file text.txt
* Use font-family: Helvetica, sans-serif, with font-size: 20px
* Change the div display property to flex and align the items in center
* Set on the div max-width: 15vw and height 35rem
* The span must have
  + Border width - 1px
  + Border color - black
  + Border style - solid

To arrange the letters, use the **flex property order**

## Calendar

Create a web page like the following:

A screenshot of a cell phone

Description automatically generated

Constraints:

* Change the document title to "**Calendar**"
* Create a div with class container and two sections inside
  + First section has class week
  + Second section has class notes
* Use span tags for all content
* Change the div and sections display property to flex and align the items in **center**
* Set on the div max-width 65vw
* The span must have
  + Border width - 1px
  + Border color - black
  + Border style - solid
* For the section with class notes use the property flex-direction column
* Set on all HTML elements the property box-sizing: border-box

## Navigation

Create a web page like the following:

A screenshot of a social media post

Description automatically generated

Constraints:

* Change the document title to "**Navigation - Flexbox**"
* Divide the body into header and main tag
* The underline in the header must have
  + Border width - 2px
  + Border color - rgb(0, 0, 0)
  + Border style - solid
* The display property of the header must be flex
* The unordered list in the header must have display property flex
* The anchors text color in the navigation must be rgb(0, 153, 0)

## Photo Gallery

Create a web page like the following:

A picture containing room

Description automatically generated

Constraints:

* Change the document title to "**Photo Gallery - Flexbox**"
* Add section with class gallery (section.gallery)
* Add unordered list with list items and images inside
* Change the body, ul and li display property to flex
* Use font Georgia, serifwith size 1em/1.2for the headings

## \*Blog Layout

Create a web page like the following:

A screenshot of a cell phone

Description automatically generated

Constraints:

* Change the document title to "**Blog Layout - Flexbox**"
* The entire content must be in div container with class page (div.page)
* The page container (div) must be **flexed** and **wrapped**
* Body background color must be rgb(238, 238, 238)
* Image background color should be rgb(255, 255, 255)
* Blockquote font family must be Georgia, serif
* The anchors text color in the aside section must be rgb(0, 153, 0)
* Page headings font family must be Georgia, serif