

# LAB 5 (WEEK 38)

[Images](#)

[CSS](#)

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## Exercise 1

Clone the file “htmltemplate.html” and rename it to “ex1.html”.

- Add a 5% top and bottom padding to the whole page.
- Add a 20% right and left padding to the whole page.
- All headings should be displayed using capital letters (css).

### PLANTING GUIDE

#### MAGNOLIA



*Magnolia grandiflora*, commonly known as the Southern magnolia or bull bay, is a tree of the family Magnoliaceae native to the southeastern United States, from coastal Virginia south to central Florida, and west to eastern Texas and Oklahoma. Reaching 27.5 m (90 ft) in height, it is a large striking evergreen tree with large dark green leaves and large white fragrant flowers. Widely cultivated around the world, over a hundred cultivars have been bred and marketed commercially. The timber is hard and heavy, and has been used commercially to make furniture, pallets, and veneer.

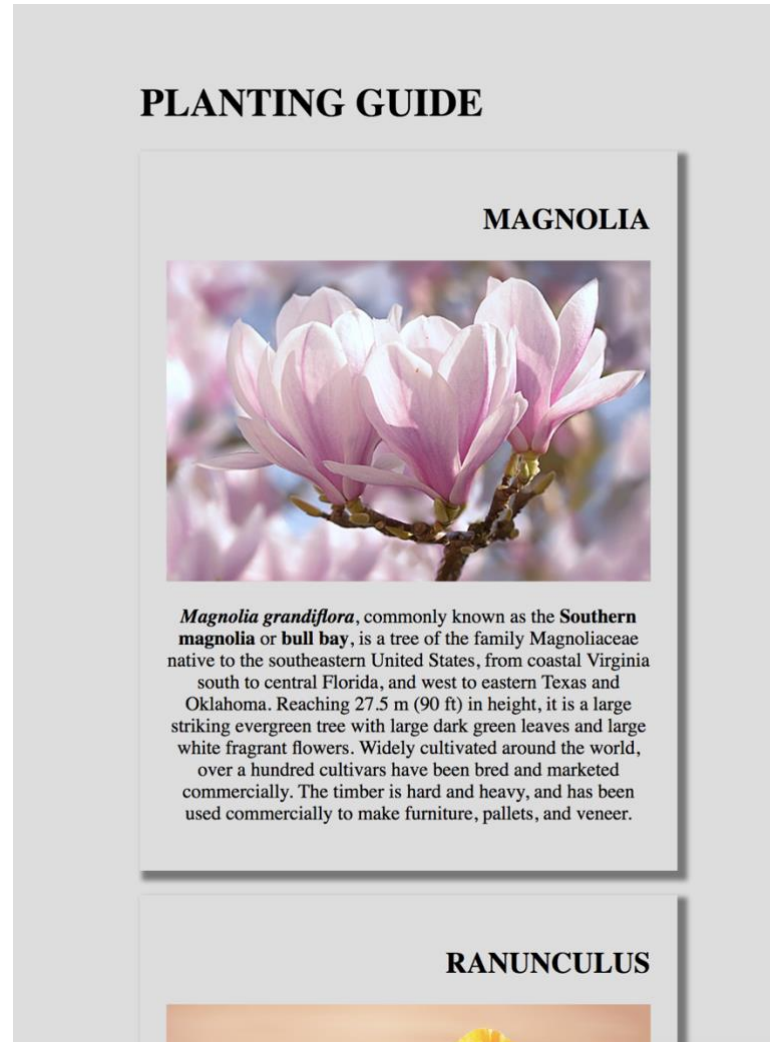
#### RANUNCULUS



## Exercise 2

Clone the file “ex1.html” and rename it to “ex2.html”.

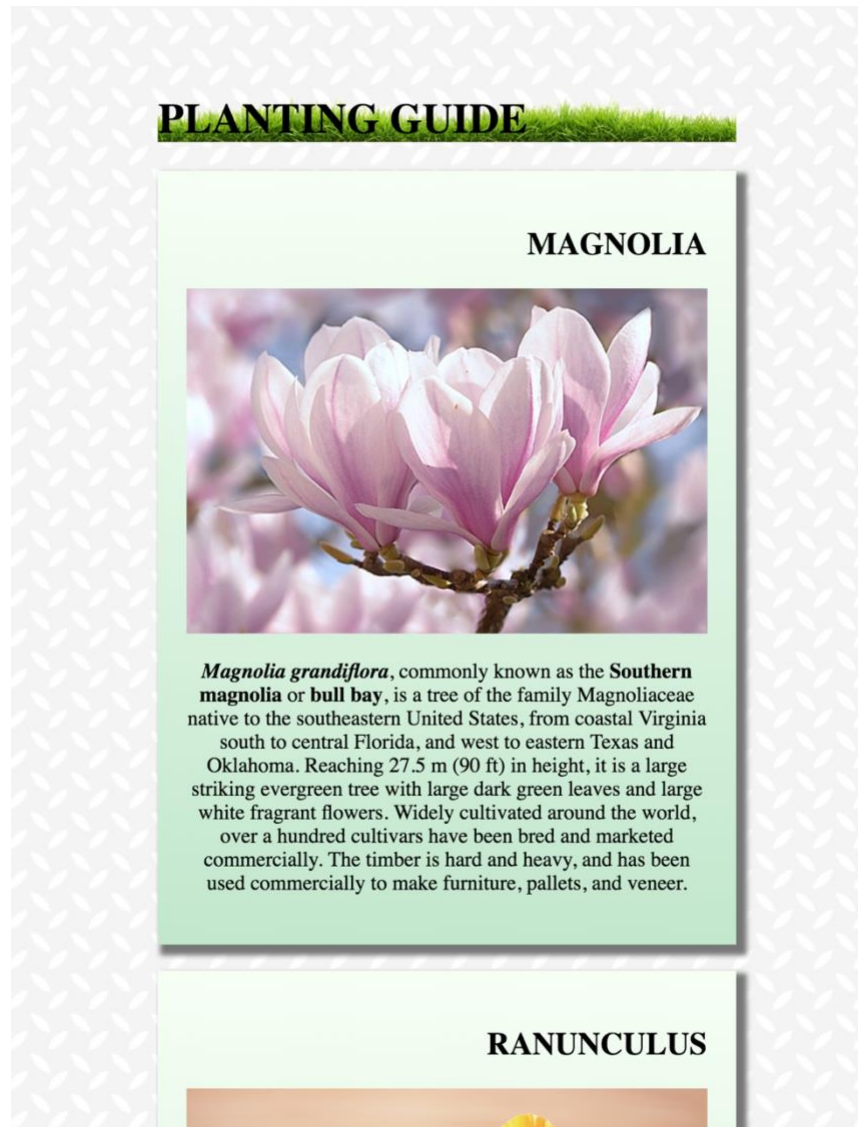
- Headings inside plant-box(es) should be aligned to the right.
- Contents (e.g: text and images) inside plant-box(es) should be displayed centered.
- Be careful, images can not exceed the limits of the box in which they are contained (i.e: plant-box).
- Add a box-shadow to all plant boxes. Use, for example, this values:
  - Horizontal offset, vertical offset, blur Distance: 5px.
  - Spread of Shadow: 4px.
  - Color: #777777.
- Add an internal space inside the plant boxes so that their contents do not touch the edges of the box (e.g: 5%).
- Add a 20px to separate boxes.



## Exercise 3

Clone the file “ex2.html” and rename it to “ex3.html”.

- Use “assets/pattern.png” as a background of the whole page.
- The background must remain at the same position even when you scroll the page.
- Plant boxes must have a linear gradient background from color “#F7FFF5” to color “#C2E7CD”.
- Use “assets/grass.png” as a background of the h1 element. Take into account that “grass.png” is a large image and you should use the “background-size” property so that the width of the image occupies 100% of space and the height only takes 36px.



## Exercise 4

Clone the file “ex3.html” and rename it to “ex4.html”.

- Change the box-shadow when the user moves the mouse over the plant-box.
  - Horizontal offset, vertical offset: 10px.
  - Blur distance: 5px.
  - Spread of Shadow: 2px.
  - Color: #af9e9e.
- Change the linear gradient background of plant-boxes when the user moves the mouse over the box. Use these colours: #f1ebef, #e1cfcf.
- Images inside plant boxes will not be displayed until the user moves the mouse over the plant-box.
- The text inside plant-box (<p>) will not be displayed when the mouse is over the box.
- h2 inside plant-box will be displayed centered when the mouse is over the box.



## Resources

All the files that you need for this lab are available on blackboard.

- [https://www.w3schools.com/css/css\\_padding.asp](https://www.w3schools.com/css/css_padding.asp)
- [https://www.w3schools.com/cssref/pr\\_text\\_text-transform.asp](https://www.w3schools.com/cssref/pr_text_text-transform.asp)
- [https://www.w3schools.com/cssref/pr\\_text\\_text-align.asp](https://www.w3schools.com/cssref/pr_text_text-align.asp)
- [https://www.w3schools.com/cssref/css3\\_pr\\_background-size.asp](https://www.w3schools.com/cssref/css3_pr_background-size.asp)
- [https://www.w3schools.com/cssref/pr\\_class\\_display.asp](https://www.w3schools.com/cssref/pr_class_display.asp)
- [https://www.w3schools.com/cssref/sel\\_hover.asp](https://www.w3schools.com/cssref/sel_hover.asp)
- [https://www.w3schools.com/cssref/css3\\_pr\\_box-shadow.asp](https://www.w3schools.com/cssref/css3_pr_box-shadow.asp)
- [https://www.w3schools.com/css/css3\\_gradients.asp](https://www.w3schools.com/css/css3_gradients.asp)