

COM 205-01 Multimedia Applications

Student Exercise: Space Tourism – The Grand Tour

The purpose of this exercise is to work with creating CSS based layouts in Dreamweaver and exporting assets from XD. Please read all instructions before you begin.

Use the mockups, *reference_space_tourism_grand_tour.jpg* and *reference_space_tourism_posters.jpg*, as a guide to help you identify different elements on your page.

In this exercise, you will:

- Identify html tag structure
- Format Text using Dreamweaver
- Insert Images
- Create and attach a new CSS style sheet
- Create and apply CSS styles to a webpage
- Use a Google Font
- Create a CSS based page layout using the Box Model Math Concepts
- Create a navigation bar with CSS
- Export Images and interpret styles needed using Adobe XD

Instructions – Home Page:

1. Clone a copy of the Grand Tour code into the *Student Exercises* folder on your computer.
2. Open *reference_space_tourism_grand_tour.jpg* and identify the html elements needed to structure your page (Note the headings, paragraphs, lists and links)
3. Begin processing your images. Using Adobe XD, export the images. Save your processed images into the images folder.
4. Create a new HTML file and save it as *index.html*.
5. Create a new CSS style sheet named *styles.css* and attach it *index.html*

6. Using the mockup as a guide, begin to layout your page as we did in class. Draw the page container first, and create sections inside the container for the header, nav, content, sidebar and footer. Look at the CSS references below for class names.
7. Using the mockup as a guide, copy/paste the text and format using the properties panel. Refer to the folder *Assets > Copy* for text.
8. Create your navigation list. Enter the following and then format as a bulleted list using the properties panel. Link to the following:
 - a. Home – Link to index.html
 - b. Destinations – Link to <https://www.jpl.nasa.gov/visions-of-the-future/>
 - c. The Future – Link to <https://www.jpl.nasa.gov/visions-of-the-future/about.php>
 - d. Posters – Link to posters.html (you will have to type this manually).
 - e. NASA – Link to <https://www.nasa.gov/>
 - f. JPL - Link to <https://www.jpl.nasa.gov/>
9. Import the images as shown in the mockup, making sure to add your alternate text.
 - a. Header Image Alt = A Once in a Lifetime Getaway – The Grand Tour
 - b. Content Image = Planet Illustration
 - c. Visions of the Future Image = Views from Titan
 - d. Galactic Travel Destinations = Geysers on Enceladus
10. Embed the Youtube video: <https://www.youtube.com/watch?v=Kn54NZZiuEY>
Sized at 640x360, uncheck show suggested videos.
11. Use the following Google Fonts for your page:
 - a. Headings – Anton, 400
 - b. Body Copy – Lato, 400 + 700 weights
12. Figure out your Box Model Math for your index page with the following information:
 - a. Container – 1280px
 - b. Gutters – 54px
 - c. Sidebar – 385px
 - d. Content - ???
13. Style your page elements using Adobe XD to pull the colors, font sizes and associated styling.

14. Save your changes

Instructions – Posters Page:

1. Do a *File Save As* from the index page and name it posters.html. Use *reference_space_tourism_posters.jpg* as a reference.
2. Remove the sidebar as we did in class by selecting it with the tag navigator.
3. Create the gallery like we did in class using flexbox.
4. Add your poster images as shown in the mockup. Making sure to add your alternate text to each image using the image file name.
5. Save your changes
6. Upload completed project to github