

## [IS216] Extra Exercises - Week 2 - CSS Basics

### Objectives

- To understand how CSS enables styling of HTML elements
- To apply the use of CSS to HTML web pages.

### Instructions

- Questions with no asterisk mark are easy peasy.
- Questions marked with \* are slightly challenging.
- Questions marked with \*\* are challenging.
- Questions marked with \*\*\* are very challenging.

**NOTE:** If you spot any mistakes/errors in the questions, please contact your instructors by email and state the issues. We will try to address it as soon as possible.

## Question 1 – Fruit (\*)


Go to `fruit` directory.

```
|--fruit
  |-- apple.jpg
  |-- fruit.html  (to do)
  |-- fruit-pic.jpg
```

Complete `fruit.html` with appropriate CSS styling such that the following will be displayed on a web browser. This web page has a side menu bar that will not scroll with the content on the right.

About  
Benefits  
Healthy List

### All About Fruit




Lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec eu lorem vel arcu hendrerit tincidunt sit amet eu libero. Etiam finibus pharetra enim vel faucibus. Nulla velit urna, molestie at pellentesque quis, pellentesque non erat. Cras maximus quam id nisl vehicula sagittis. Suspendisse ut semper urna, id malesuada tellus. Nullam augue purus, ornare non consequat sodales, laoreet id augue.

n enim velit, consequat ac est in, vulputate consectetur elit. Mauris quis fermentum magna. Phasellus sem turpis, auctor vel lacinia ut, scelerisque ut magna. Suspendisse suscipit elit dolor, eu euismod eros eleifend ac. Donec ut dui ac nunc varius tincidunt. Nunc placerat vitae felis ut imperdiet. Aliquam pretium tellus id odio porttitor hendrerit. Maecenas cursus, urna nec pulvinar cursus, mi ante ultricies mi, malesuada ullamcorper elit ligula sit amet erat.

### Benefits of Fruit

Pellentesque nec dui pulvinar, aliquam est sed, luctus elit. Proin vitae rhoncus ligula. Fusce ultrices, tortor ac auctor congue, elit lectus cursus eros, a maximus lacus leo in libero. Suspendisse magna sapien, suscipit eget ante eu, efficitur laoreet magna. Fusce faucibus, ligula ac ullamcorper feugiat, lorem nibh bibendum erat, non efficitur mi diam congue risus. Maecenas tristique libero non lorem euismod, eu pretium enim dignissim. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Phasellus velit ante, imperdiet sollicitudin quam eget, luctus venenatis arcu. Aenean eu ex eu nulla dictum cursus. Aliquam tempor, dui id gravida lobortis, dui mauris pretium urna, sit amet posuere purus est eget neque. Mauris pretium porta arcu a porttitor.



Some benefits are:

- Lorem ipsum dolor sit amet, consectetur adipiscing elit.
- Nam lacinia tortor in justo rutrum aliquet.
- Proin dictum ex vehicula lacinia interdum.
- Pellentesque iaculis neque aliquet leo ornare mollis.
- Mauris lacinia urna vitae aliquam commodo.
- benefit 4 ...
- benefit 5 ...
- benefit 6 ...

### Healthiest Fruits on Planet

1. Grapefruit
2. Pineapple
3. Avocado
4. Blueberries
5. Apple
6. Pomegranate
7. Mango
8. Strawberry
9. Cranberries
10. Lemons

## Question 2 – Learn (\*)

Go to `learn` directory.

```
-- learn
|
|-- images
|   |-- {various images}
|
|-- learn.html
|
```

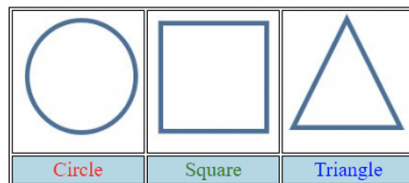
1. Complete `learn.html` with appropriate CSS styling such that the following will be displayed on a web browser (in the main box)

### Learn About Shapes, Colors and Numbers

#### Shapes

Font: Arial

Color: Darkmagenta



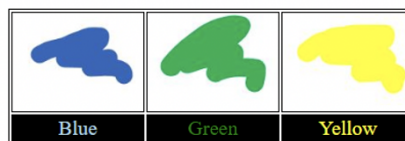
#### Numbers

The width of the margin is 100px.



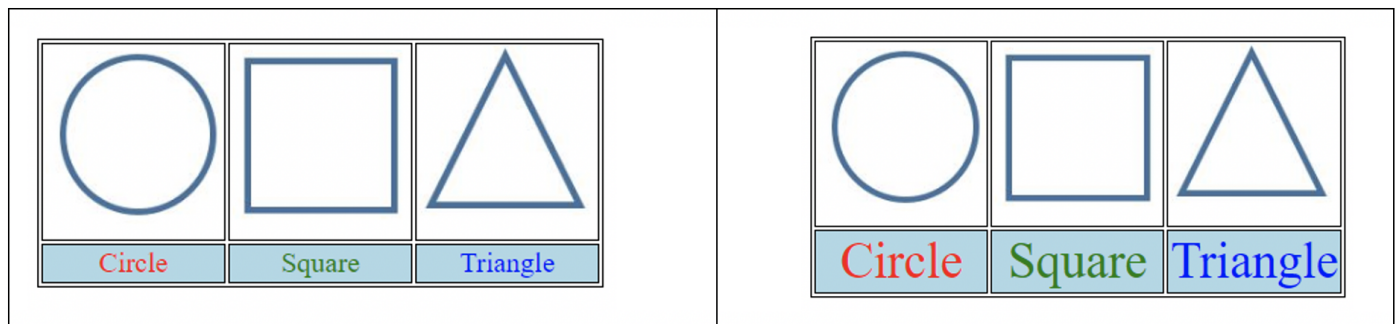
Font: Courier New

#### Colours



Font colors: Blue,  
Green and Yellow

2. The font size of the row in the table will increase to 30px when the user does a mouse over.



## Question 3 – Marketplace (\*\*)

Go to marketplace directory.

```
|-- marketplace
|
|   |-- images
|       |-- coffee.jpg
|       |-- fruit.jpg
|       |-- marketplace.jpg
|       |-- veg.jpg
|
|   |-- marketplace.html
|
```

1. Complete `marketplace.html` with appropriate CSS styling such that the following will be displayed on a web browser.

# MARKETPLACE

## Welcome to my Marketplace

### Fruit Section

The list of fruit available are as below :



Name	Qty	Select
Banana	6	<input type="checkbox"/>
Peach	12	<input type="checkbox"/>
Orange	5	<input type="checkbox"/>
Apple	2	<input type="checkbox"/>

### Vegetable Section

The list of vegetable available are as below :

Name	Qty	Select
Cabbage	8	<input type="checkbox"/>
Lettuce	7	<input type="checkbox"/>
Spinach	3	<input type="checkbox"/>



### Drinks Section

The list of drinks available are as below :



Name	Qty	Select
Coffee	3	<input type="checkbox"/>



Submit

2. To make the web page more interesting, use CSS to display a blue color box with a white tick when the user clicks on each checkbox. An example is shown below.

## Fruit Section

The list of fruit available are as below :



Name	Qty	Select
Banana	6	<input checked="" type="checkbox"/>
Peach	12	<input checked="" type="checkbox"/>
Orange	5	<input type="checkbox"/>
Apple	2	<input type="checkbox"/>