

Assignment Week 3 • Functions & Webpages

The first assignment will be to recreate a webpage as shown in the assignment image. Few key elements like colors, images, etc. will be provided for you. Please read the assignment thoroughly before starting.

When completed the following assignments will be regarding PHP functions, creating functions and using already available functions to complete the assignment.

Good luck!

✍ Implement the following

View the image in the appendix (the final pages). Recreate the website shown to the best of your abilities.

Width, Height and placement: No specifics are supplied regarding the width, height or placement of the webpage. Do your best to recreate the image.

Colors: The following colors are supplied along with the hsl to create them using CSS. If you don't know how to use hsl to provide colors, please visit this page:

https://developer.mozilla.org/en-US/docs/Web/CSS/color_value/hsl

White – hsl(0%, 0%, 100%)

Stone 100 – hsl(30, 54%, 90%)

Stone 150 – hsl(30, 18%, 87%)

Stone 600 – hsl(30, 10%, 34%)

Stone 900 – hsl(24, 5%, 18%)

Brown 800 – hsl(14, 45%, 36%)

Rose 800 – hsl(332, 51%, 32%)

Rose 50 – hsl(330, 100%, 98%)

Fonts: The standard font-size is 16px. Please set the font-size on the <body> using CSS. The following information is provided:

Font-Family: Young-Serif; font-weights: 400.

Font-Family: Outfit; font-weights: 400, 600, 700.

Font-family and font-weight are CSS elements that are used to style text. The fonts will be supplied as files in the 'fonts' folder.

Use the following line in your CSS to add this new font:

```
@font-face
{
font-family: "name-of-your-font";
src: url("link to your fontfile");
}

body
{
font-family: "name-of-your-font"
```

Images: Images are supplied via the img folder.

Implement the following

Create a function that is able to compare a provided number (via parameters) to the number **100**. Provide a custom output when the number is higher, lower and equal to the number **100**.

Implement the following

Write a function that returns a list of nutrients in a full HTML format. The list should be styled using CSS.

The function takes 5 parameters of which the first 4 are numbers: Calories, Carbs, Protein and Fat. The last parameter is a Boolean (TRUE or FALSE). Based on the Boolean the final input of the list should say if it fits your diet (Diet approved/disapproved).

Implement the following

A customer has asked you to create an function that will automatically index registrations for his video store website. The following conditions must be incorporated into the application. Based on several factors, a message will be built and returned to the customer.

1. If the user is under 18, the message will contain a warning saying the user is not old enough to register.
2. When the user is a woman, the message will inform the user about an upcoming ladies night event in the video store.

3. If the user has recently visited the website, the message will say that a discount will be applied during checkout.

4. When all three of the conditions stated before have been met, instead of a message the user will see a big red WARNING!!!.

Because of the testing phase the website is in, it is sufficient to show simple messages on the screen (echo). When several conditions are correct, please show all messages. When condition 4 is correct, please show only this message.

Appendix 1. Webpage Image



Simple Omelette Recipe

An easy and quick dish, perfect for any meal. This classic omelette combines beaten eggs cooked to perfection, optionally filled with your choice of cheese, vegetables, or meats.

Preparation time

- **Total:** Approximately 10 minutes
- **Preparation:** 5 minutes
- **Cooking:** 5 minutes

Ingredients

- 2-3 large eggs
- Salt, to taste
- Pepper, to taste
- 1 tablespoon of butter or oil
- Optional fillings: cheese, diced vegetables, cooked meats, herbs

Instructions

1. **Beat the eggs:** In a bowl, beat the eggs with a pinch of salt and pepper until they are well mixed. You can add a tablespoon of water or milk for a fluffier texture.
2. **Heat the pan:** Place a non-stick frying pan over medium heat and add butter or oil.
3. **Cook the omelette:** Once the butter is melted and bubbling, pour in the eggs. Tilt the pan to ensure the eggs evenly coat the surface.
4. **Add fillings (optional):** When the eggs begin to set at the edges but are still slightly runny in the middle, sprinkle your chosen fillings over one half of the omelette.
5. **Fold and serve:** As the omelette continues to cook, carefully lift one edge and fold it over the fillings. Let it cook for another minute, then slide it onto a plate.
6. **Enjoy:** Serve hot, with additional salt and pepper if needed.

Nutrition

The table below shows nutritional values per serving without the additional fillings.

Calories	277kcal
Carbs	0g
Protein	20g
Fat	22g