

1. Using ARRAYS, create a fruit directory that will show the image, name, description and facts about the fruit (create at least 10 fruits sorted in alphabetical order). Implement a HTML and CSS code for the structure and design of the webpage. Please see the sample output below.

MY FRUITS			
Image	Name	Description	Facts
	Apple	Color Red or Green	Apples are rich in antioxidants and dietary fiber. The saying "An apple a day keeps the doctor away" is popular for a reason!
	Banana	Color Yellow	Bananas are a healthful addition to a balanced diet, as they provide a range of vital nutrients and are a good source of fiber.
	Grape	Color Purple or Green	Grapes are small fruits that come in various colors and flavors. They are rich in antioxidants and are a great snack option.
	Kiwi	Color Brown (outer) and Green (inner)	Kiwi fruit is a nutrient-dense fruit that is high in vitamin C, vitamin K, and fiber.
	Mango	Color Yellow or Orange	Mangoes are tropical fruits that are not only delicious but also packed with vitamins, minerals, and antioxidants.
	Orange	Color Orange	Oranges are an excellent source of vitamin C, which is essential for a healthy immune system and skin.
	Pear	Color Green or Yellow	Pears are juicy and sweet fruits that are rich in dietary fiber, antioxidants, and vitamin C.
	Pineapple	Color Yellow	Pineapples are tropical fruits known for their sweet and tangy flavor. They are a good source of vitamin C and manganese.
	Strawberry	Color Red	Strawberries are packed with antioxidants, vitamins, and fiber. They are also delicious!
	Watermelon	Color Green (outer) and Red (inner)	Watermelon is a refreshing fruit that is mostly water. It's perfect for staying hydrated during hot summer days.

2. USING USER DEFINED FUNCTION. Create a formula for each volume of shapes (Cube, Right Rectangular Prism, Prism or Cylinder, Pyramid or Cone and Sphere) then display the result. Please see the sample below

VOLUME OF SHAPES			
Shape Name	Values	Formula	Answer
Cube	s = <input type="text" value="5"/>	$V = s^3$	125.00
Right Rectangular Prism	l = <input type="text" value="4"/> w = <input type="text" value="7"/> h = <input type="text" value="13"/>	$V = lwh$	364.00
Cylindrical Prism	r = <input type="text" value="11"/> h = <input type="text" value="28"/>	$V = \pi r^2 h$	10643.72
Pyramid	l = <input type="text" value="9"/> w = <input type="text" value="12"/> h = <input type="text" value="20"/>	$V = (1/3) lwh$	720.00
Cone	r = <input type="text" value="14"/> h = <input type="text" value="23"/>	$V = (1/3) \pi r^2 h$	4720.77
Sphere	r = <input type="text" value="10"/>	$V = (4/3) \pi r^3$	4188.79

Calculate

Reset

- Convert your Student Resume into a web based form, used include() and require() functions to connect all pages.

Include and create the following pages:

- Career Objective page
- Personal information page
- Educational Attainment page
- Skills page
- Affiliation page
- Work Experience Page

STUDENT RESUME	
	<p>Personal Information</p> <p>Name: JASMINE L. CAMASURA</p> <p>Occupation: Software Engineer</p> <p>Email: 2 [redacted]@gmail.com</p> <p>Mobile Number: 09 [redacted]</p> <p>Address: 861 Padre Campa St, Sampaloc, 1008 Metro Manila</p>
<p>Educational Attainment</p> <p>Degree: BS Computer Science with specialization in Software Engineering</p> <p>University: FEU Institute of Technology</p> <p>Standing: Top Performing Student</p> <p>Certifications: IT Specialist in JAVA</p> <p>Courses Completed:</p> <ul style="list-style-type: none"> * Data Structures and Algorithms * Information Management * Computer Systems and Architecture * Object-Oriented Programming * Design Thinking * Algorithm * Fundamentals of Analytics * Operating System 	<p>Career Objective</p> <p>As a computer science student specializing in software engineering, my goal is to contribute to the development of cutting-edge software solutions that solve real-world problems. I am passionate about programming and eager to work in a dynamic and collaborative environment where I can apply my skills and continue to learn and grow as a professional.</p> <p>Skills</p> <p>Programming Languages Proficiency</p> <p>C++ Java Python PHP MySQL HTML</p>
<p>Affiliation</p> <p>ACM Student Chapter, Computer Science Department (ACM-SC)</p> <p>Junior Philippine Computer Society (JPCS)</p>	<p>Work Experience</p> <p>Projects Accomplished</p> <p>Student Record System Seizure Monitoring Watch Prototype Design Food Waste Reduction System Prototype Design Calculator Projects Mini Game Projects</p>