**MEAN Stack January 2021 Batch**

**HTML**

**1.** **What is HTML? Write basic structure of an HTML template.**

Ans: HTML is the abbreviation of hyper text markup language. It is used for creating webpages HTML has a structure with tags and elements which tells the browser how to display the elements in the page.

HTML basic structure:

HTML mainly has html main tag, head tag and a body tag.

Head and body of a html page comes under the mail HTML tag.

The basic structure of html is shown below:-

<html>

<head>

//contains Metadata

</head>

<body>

The entire content of the html that is visible to the user is written under the body tag of the html page

</body>

</html>

**2**. **Define html elements and tags. Discuss the major differences.**

Ans: An HTML element is defined by a start tag, some content, and an end tag. Tags are labels you use to mark up the beginning and end of an element.

**3. Define attributes in HTML with examples?**

Ans: HTML attributes provide additional information about HTML elements. Attributes are always specified in the start tag.

**4. What are the HTML tags used to display the data in the tabular form?**

Ans: Table can be created in html using the <table> tag. Table has rows and coloums. Horizontal elements are called rows and vertical ones columns. The basic tags in a <table> are:

<tr> => Defines a row in a table.

<th> => Defines a header cell in a table.

<td> => Defines a cell in a table.

<tbody> => Used to group the body content in a table.

<thead> => Used to group the header content in a table.

**5. What is an Anchor tag in HTML when it is used**

Ans: Anchor tag is used to link one page to another. It can be used to link to other webpage, files, location or any URL.

Anchor tag is used to hypertext reference a link by using href. Ex:-

Using the code:-

<a href=”otherpage.html”>go to next</a>.

will create a link with the text ”go to next” on html page and on clicking the link will redirect to otherpage.html .

**6. What are some of the common lists that can be used when designing a page?**

Ans: Lists are used to list information.

Different types of lists are:-

1. ordered list (ol): ordered list is used on numbered list. Ordered list can be declared as :

<ol>

<li>first</li>

<li>second</li>

</ol>

The op will be:

1.first

2.second

2. unordered list (ul): In an Unordered list, all the list items are marked with bullets.

<ul>

<li>first</li>

<li>second</li>

</ul>

The op will be:

• first

• second

**7. Define forms in HTML and create a simple form**

Ans: Html forms is a section of document which has fields like text, password, checkboxes, radiobutton, submit button etc. Html forms enables user to enter data such as email address, password, phone number, etc and sent these data to server for processing.

Example of a simple form:

<form>

<h2>Enter name</h2>

<input type="text" name="name">

<h2>Enter password</h2>

<input type="password">

<h2>Enter email</h2>

<input type="email" name="mail">

<input type="submit">

</form>

**8. What is semantic HTML. Explain with example.**

Ans: Semantic elements in html are elements which makes a clear meaning to the browser

and developer . In the case of <div>, <span> etc it does not tell us anything about the

content. But elements such as <form>, <table>, <article>,<footer>,<header>,<main> are

semantic elements tells specifically what the contents in the tags are.

**9. What is a marquee**

Ans: An HTML marquee is a scrolling piece of text displayed either horizontally across or

vertically down your webpage depending on the settings. This is created by using HTML

<marquees> tag. This tag is deprecated in html5.

**10. What is the use of an iframe tag**

Ans: Iframe is used to display a webpage within a webpage. The HTML <iframe> tag defines

an inline frame, hence it is also called as an Iframe.

**11. What is Cell Spacing and Cell Padding**

Ans: Cell spacing specifies the space between cells. It defines the whitespace between the

edges of the adjacent cells. On the other hand, cell padding specifies the space between the

border of a table cell and its contents. It defines the whitespace between the cell edge and

the content of the cell.

**12. What is the difference between DIV and SPAN in HTML**

Ans: <div> element is often used as a container for other HTML elements.

The <div> element has no required attributes, but style, class and id are common. When

used together with CSS, the <div> element can be used to style blocks of content.

Example:

<div style="width: 85% ; margin-left: 5.3%;" class="row">

<h3> PROFILE</h3>

</div>

The element <h3> will be treated as a block . And the content will be styled according to the

styles provided.

<span> element is an inline container used to mark up a part of a text, or a part of a

document. The <span> element has no required attributes, but style, class and id are

common. When used together with CSS, the <span> element can be used to style parts of

the text.

Example:

<h5>MEA<span style="color: red;">R</span>N STACK DEVELOPER</h5>

the letter R will have the color red and rest of the words will have properties of <h5>

**13. Why is the Embed Tag Used in HTML**

Ans: The <embed> tag defines a container for an external resource, such as a web page, a

picture, a media player, or a plug-in application. Most of the browsers do not support java

applets, activex, shockwave flash by default. <img>, <iframe>, <video>, <audio> tags can be

used instead of this.

Example:

<embed type="image/jpg" src="pic\_trulli.jpg" width="300" height="200">

<embed type="text/html" src="snippet.html" width="500" height="200">

<embed type="video/webm" src="video.mp4" width="400" height="300">

**CSS**

**1. Define CSS and state the major difference between HTML and CSS**

Ans: CSS (cascading style sheet) is used to style a html webpage. With css we can make responsive html webpages. Without using css we can only make basic webpages which will function but doesn't look and feel good. By using css we can change the content design according to our liking. Moreover , we can make responsive webpage which works on all devices irrespective of their device resolution. Html on the other hand is the bare bone of a webpage which does not look good but functions.

**2. How can you integrate CSS on a webpage?**

Ans: There are three ways to use css

1. External CSS

With an external style sheet, you can change the look of an entire website by adding a file.

Each HTML page must include a reference to the external style sheet file inside the <link>

element, inside the head section.

2. Internal CSS / Embedded style sheets

An internal style sheet may be used if one single HTML page has a unique style. The internal

style is defined inside the <style> element, inside the head section.

Example:

<head>

<style>

body {

background-color: linen;

}

h1 {

color: maroon;

margin-left: 40px;

}

</style>

</head>

3. Inline CSS

An inline style may be used to apply a unique style for a single element.

To use inline styles, add the style attribute to the relevant element. The style attribute can

contain any CSS property.

Example:

<h1 style="color:blue;text-align:center;">This is a heading</h1>

**3. What is Embedded StyleSheet ? List the advantages.**

Ans: Embedded Style Sheets are used to apply same appearance to all occurrence of a

specific element. These are defined in <head> element by using the <style> element.

Example:

<head>

<style>

body {

background-color: linen;

}

h1 {

color: maroon;

margin-left: 40px;

}

</style>

</head>

Advantages:

• Classes can be created for use on multiple tag types in the document.

• Selector and grouping methods can be used to apply styles under complex contexts.

• No additional downloads necessary to receive style information.

**4. What is a CSS selector ? Explain contextual selectors**

Ans: CSS selectors are used to select the content you want to style. Selectors are the part of

CSS rule set. CSS selectors select HTML elements according to its id, class, type, attribute etc.

Contextual Selector check the context of the class in the html tree, assigning the style to the

element through a specific route, taking into account the order of depth in the tree.

Contextual Selector example

table p

{

margin-right: auto;

width: 50%;

height: auto;

border-radius: 50%;

margin-top: 8%;

border : rgb(68, 2, 122) solid 12px;

}

this one is saying that you want to set the value for <p> tags that belongs to <table> tags

so whenever you have a <p> in a <table>, then it will get effected.

**5. What is the RGB stream**

Ans:The rgb() function define colors using the Red-green-blue (RGB) model. An RGB color

value is specified with: rgb(red, green, blue).

**6. Explain the CSS Box Model and its different elements.**

Ans:The CSS box model is essentially a box that wraps around every HTML element. It

consists of: margins, borders, padding, and the actual content.

**7. What is the property that isused for controlling image-scroll**

Ans:background-attachment property

**8.What is the use of CSS Opacity ?**

Ans:The opacity CSS property sets the opacity of an element. Opacity is the degree to which content behind an element is hidden, and is the opposite of transparency.

**9. What is RWD?**

Ans:It is called responsive web design when you use CSS and HTML to resize, hide, shrink, enlarge, or move the content to make it look good on any screen.

**10.What are the benefits of CSS sprites ?**

Ans:The main advantage of using image sprite is to reduce the number of http requests that makes our site's load time faster. The images also load faster making switching from one image to another on some event much smoother

**11. What is the float property of CSS ?**

Ans:The float CSS property places an element on the left or right side of its container, allowing text and inline elements to wrap around it.

**12. Explain the difference between visibility: hidden and display:none ?**

Ans: Difference between display: “none”; and visibility: “hidden”, right from the name itself we can tell the difference as display: “none”;, completely gets rids of the tag, as it had never exists in the HTML page whereas visibility: “hidden”;, just makes the tag invisible it will still be on the HTML page occupying space it’s just invisible.

**13.What is Block Formatting Context ? How does it work ?**

Ans:A block formatting context is a part of a visual CSS rendering of a web page. It's the region in which the layout of block boxes occurs and in which floats interact with other elements

**14.What is the difference between a relative, fixed , absolute and statically positioned**

**element ?**

Static- this is the default value, all elements are in order as they appear in the document. Relative – the element is positioned relative to its normal position. Absolute – the element is positioned absolutely to its first positioned parent. Fixed - the element is positioned related to the browser window.

**Bootstrap**

**1.Define Bootstrap. List the features**

Bootstrap is a free and open-source CSS framework directed at responsive, mobile-first front-end web development. It contains CSS- and JavaScript-based design templates for typography, forms, buttons, navigation, and other interface components

**2.Define the key components of Bootstrap.**

1. Navigation Bars.

2. Button Groups.

3. Labels.

4. Breadcrumbs.

5. Alerts & Progress Bars.

6. Pagination.

7. Typographic.

8. Drop-down menus

**3. What do you understand by Bootstrap container and classloader ?**

In Bootstrap, container is used to set the content's margins dealing with the responsive behaviours of your layout. It contains the row elements and the row elements are the container of columns (known as grid system).

**4.How many types of layouts are there in Bootstrap?**

1. )Fixed layout(.container): has specific pixel width values that change its width value with the help of media queries.

2. fluid layout(.container-fluid):it is used when you want to create a app that is 100% wide and use up all the width of the screen.

**5.Why do we use Jumbotron in Bootstrap?**

A lightweight, flexible component that can optionally extend the entire viewport to showcase key marketing messages on your site.

**6.When will you use <code> tag and <pre> tag?**

The <code> tag is used to define a piece of computer code. The content inside is displayed in the browser's default monospace font.

The <pre> tag defines preformatted text. Text in a <pre> element is displayed in a fixed-width font, and the text preserves both spaces and line breaks. The text will be displayed exactly as written in the HTML source code.

**7. What are responsive utility classes in Bootstrap?Give examples.**

For faster mobile-friendly development, use these utility classes for showing and hiding content by device via media query. Also included are utility classes for toggling content when printed.

.visible-xs Extra small (less than 768px) visible

.visible-sm Small (up to 768 px) visible

.visible-md Medium (768 px to 991 px) visible

.visible-lg Larger (992 px and above) visible

.hidden-xs Extra small (less than 768px) hidden

.hidden-sm Small (up to 768 px) hidden

.hidden-md Medium (768 px to 991 px) hidden

.hidden-lg Larger (992 px and above) hidden

**8. Explain bootstrap alerts and thumbnails?**

You can add a basic alert by creating a wrapper <div> and adding a class of .alert and one of the four contextual classes (e.g., .alert-success, .alert-info, .alertwarning, .alert-danger).

1. Bootstrap's thumbnails are used to show linked images in grids with very minimum required markup.

2. A thumbnail is created using class .thumbnail within the element <a>.

3. The column grids are created using class .col-sm-\* and .col-md-\* .

**9. What is Bootstrap breadcrumb?**

Indicate the current page’s location within a navigational hierarchy that automatically adds separators via CSS.

**10. What is pagination in bootstrap and how are they classified?**

Bootstrap pagination is a component used to indicate the existence of a series of related content across multiple pages and enables navigation across them.

**11. What is Normalize in Bootstrap?**

Bootstrap is a front-end framework that includes lots of CSS and JavaScript components, a grid system, typography, and many other robust features to help you get started coding a website more quickly. It also already includes Normalize. css in addition to its other code

**12 How navbar works in Bootstrap and how can you create one?**

With Bootstrap, a navigation bar can extend or collapse, depending on the screen size. A standard navigation bar is created with <nav class="navbar navbar-default">

**13. What is the grid system and grid classes in Bootstrap?**

The Bootstrap Grid System is used for layout, specifically Responsive Layouts. ... The Grid is made up of groupings of Rows & Columns inside 1 or more Containers. The Bootstrap Grid can be used alone, without the Bootstrap JavaScript and other CSS Components.

**JavaScript**

**1. Define Java script. Enumerate the differences between Java and JavaScript?**

JavaScript is a dynamic computer programming language. most commonly used as apart of web pages, whose implementations allow client-side script to interact with the userand make dynamic pages.JavaScript code is run on a browser only, while Java creates applications that run in a virtualmachine or browser. Java is an object-oriented programming language, and JavaScript isspecifically an OOP scripting language.

**2. What are JavaScript Data Types?**

1,Primitive data type

2,Non-primitive

Primitive : string, number, Boolean, undefined,null

Non primitive: object, array,regExp

**3. What is 'this' keyword in JavaScript?**

The JavaScript this keyword refers to the object it belongs to. In a function, this refers to the global object. In a function, in strict mode, this is undefined . In an event, this refers to the element that received the event. Methods like call() , and apply() can refer this to any object

**4. What are all types of Pop-up boxes available in JavaScript?**

JavaScript has three kind of popup boxes:

Alert box,

Confirm box, and Prompt box.

**5. What is the difference between === operator and == operator?**

In one word, main difference between "==" and "===" operator is that formerly compares variable by making type correction e.g. if you compare a number with a string with numeric literal, == allows that, but === doesn't allow that, because it not only checks the value but also type of two variable, if two variables are not of the same type "===" return false, while "==" return true.

**6. Explain what is pop () and push()method in JavaScript?**

A stack has two main operations that occur only at the top of the stack: push and pop. The push operation places an element at the top of stack whereas the pop operation removes an element from the top of the stack.

**7. Explain try n catch concept in javascript string using examples.**

The try statement allows you to define a block of code to be tested for errors while it is being executed.

The catch statement allows you to define a block of code to be executed, if an error occurs in the try block.

try {

    let data = eval("1+2+?");

    console.log(data);

}

catch (ex) {

    try {

        const y = 20;

        y++;

        console.log(ex.message);

    }

    catch (er) {

        console.log(er.message);

    }

}

finally {

    console.log("Mandatory Code\n");

}

PS C:\Users\hp\Documents\GitHub\meanstack\_luminar\Exception> node .\exception\_first.js

Assignment to constant variable.

Mandatory Code

**8. Explain error and exception handling with examples.**

Error handling is the process of catching errors raised by your program and then taking appropriate action. If you would handle errors properly then it may lead to many unforeseen consequences

Exception handling ensures that the flow of the program doesn't break when an exception occurs. For example, if a program has bunch of statements and an exception occurs mid way after executing certain statements then the statements after the exception will not execute and the program will terminate abruptly.

**9. Write a program to reverse a string.**

**Ans:**

var str="sample string";

console.log(str.split('').reverse().join(''));

**PS C:\Users\hp\Documents\GitHub\meanstack\_luminar\Assesment> node .\reverse.js**

**gnirts elpmas**

**10. Write a JavaScript program to find the Armstrong numbers of 3 digits.**

**Ans.**

var sum = 0;

for (var i = 101; i <= 999; i++) {

    armstrong(i);

}

function armstrong(num) {

    var temp = num;

    while (num > 0) {

        rem = num % 10;

        num = Math.floor(num / 10);

        sum += rem \*\* 3;

    }

    if (sum == temp) {

        console.log(temp);

        sum = 0;

    }

    else {

        sum = 0;

    }

}

**PS C:\Users\hp\Documents\GitHub\meanstack\_luminar\Assesment> node .\armstrong.js**

**153**

**370**

**371**

**407**

**11. Write a JavaScript program to construct the following pattern, using a nested for loop.**

**\***

**\* \***

**\* \* \***

**\* \* \* \***

**Ans:**

for (let i = 0; i < 4; i++) {

    var str = "";

    for (let j = 0; j <= i; j++) {

        str += "\* ";

    }

    console.log(str);

}

**PS C:\Users\hp\Documents\GitHub\meanstack\_luminar\Assesment> node .\pattern.js**

**\***

**\* \***

**\* \* \***

**\* \* \* \***

**12. Write a JavaScript program which compute, the average marks 5students students of your choice Then, this average is used to determine the corresponding grade.**

**Ans:**

var student = [

    { "rollno": 101, "name": "Amal", "sub1": 70, "sub2": 80, "sub3": 75, "sub4": 50, "sub5": 55 },

    { "rollno": 102, "name": "Ajay", "sub1": 60, "sub2": 85, "sub3": 65, "sub4": 70, "sub5": 65 },

    { "rollno": 103, "name": "Anuj", "sub1": 80, "sub2": 50, "sub3": 85, "sub4": 90, "sub5": 75 },

    { "rollno": 104, "name": "Arun", "sub1": 90, "sub2": 70, "sub3": 95, "sub4": 80, "sub5": 85 },

    { "rollno": 105, "name": "Balu", "sub1": 60, "sub2": 90, "sub3": 65, "sub4": 70, "sub5": 95 }]

function calc(avg) {

    console.log(avg);

    var grade;

    if ((avg > 90) && (avg < 100)) {

        grade = 'A';

    }

    else if ((avg > 80) && (avg < 89)) {

        grade = 'B';

    }

    else if ((avg > 70) && (avg < 79)) {

        grade = 'C';

    }

    else {

        grade = 'F';

    }

    return grade;

}

var res = student.map(ob => ob["avg"] = (ob.sub1 + ob.sub2 + ob.sub3 + ob.sub4 + ob.sub5) / 5);

student.map(ob1 => ob1["grade"] = calc(ob1.avg));

console.log(student);

**PS C:\Users\hp\Documents\GitHub\meanstack\_luminar\Assesment> node .\student.js**

**66**

**69**

**76**

**84**

**76**

**[**

**{**

**rollno: 101,**

**name: 'Amal',**

**sub1: 70,**

**sub2: 80,**

**sub3: 75,**

**sub4: 50,**

**sub5: 55,**

**avg: 66,**

**grade: 'F'**

**},**

**{**

**rollno: 102,**

**name: 'Ajay',**

**sub1: 60,**

**sub2: 85,**

**sub3: 65,**

**sub4: 70,**

**sub5: 65,**

**avg: 69,**

**grade: 'F'**

**},**

**{**

**rollno: 103,**

**name: 'Anuj',**

**sub1: 80,**

**sub2: 50,**

**sub3: 85,**

**sub4: 90,**

**sub5: 75,**

**avg: 76,**

**grade: 'C'**

**},**

**{**

**rollno: 104,**

**name: 'Arun',**

**sub1: 90,**

**sub2: 70,**

**sub3: 95,**

**sub4: 80,**

**sub5: 85,**

**avg: 84,**

**grade: 'B'**

**},**

**{**

**rollno: 105,**

**name: 'Balu',**

**sub1: 60,**

**sub2: 90,**

**sub3: 65,**

**sub4: 70,**

**sub5: 95,**

**avg: 76,**

**grade: 'C'**

**}**

**]**

**Q 1. Develop any webpage of your interest using the technologies that you have learned.**

**Ans:**

**Html File:-**

<!DOCTYPE html>

<html lang="en">

<title>AMAL CHANDRAN</title>

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <link rel="stylesheet" href="resume.css">

    <!-- CSS only -->

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet"

        integrity="sha384-giJF6kkoqNQ00vy+HMDP7azOuL0xtbfIcaT9wjKHr8RbDVddVHyTfAAsrekwKmP1" crossorigin="anonymous">

</head>

<body>

    <div class="head container-fluid">

        <div class="row">

            <div class="col-12">

                <h1 class="name">AMAL CHANDRAN</h1>

            </div>

        </div>

    </div>

    <div class="container-fluid">

        <div class="row">

            <div class="left col-lg-4 col-md-6 col-sm-12 ">

                <div class="row">

                    <div class="col-lg-3 col-3 col-md-3">

                    </div>

                    <div class="col-lg-6 col-6 col-md-6">

                        <img src="amal.jpg" alt="No Image" width="160px" height="250px"

                            style="border: solid; border-color: gray; margin-top: 20px;">

                    </div>

                    <div class="col-lg-3 col-3 col-md-3">

                    </div>

                </div>

                <div class="container-fluid">

                    <div class="row">

                        <h4 class="contact\_head" style="margin-top: 30px;">CONTACT</h4>

                        <div class="col">

                            <p class="contact\_content">

                                S/o N G Chandran, Nellippilly House <br>

                                Edavoor P O, Kalady - 683544 <br>

                                Ph : +91 9747431443 <br>

                                Email : amalnc055@gmail.com

                            </p>

                        </div>

                    </div>

                </div>

                <div class="container-fluid">

                    <div class="row">

                        <h4 class="language\_head" style="margin-top: 30px;">LANGUAGES</h4>

                        <div class="col-lg-4 col-md-4 col-sm-6" style="margin-top: 20px;">

                            <p class="language\_content">

                                Malayalam

                            </p>

                        </div>

                        <div class="col-lg-8 col-md-8 col-sm-6" style="margin-top: 20px;">

                            <p>

                            <div class="progress" style="height: 2px;">

                                <div class="progress-bar" role="progressbar"

                                    style="width: 95%; background-color: black;" aria-valuenow="95" aria-valuemin="0"

                                    aria-valuemax="100">

                                </div>

                            </div>

                            </p>

                        </div>

                    </div>

                    <div class="row">

                        <div class="col-lg-4 col-md-4 col-sm-6">

                            <p class="language\_content">

                                English

                            </p>

                        </div>

                        <div class="col-lg-8 col-md-8 col-sm-6">

                            <p>

                            <div class="progress" style="height: 2px;">

                                <div class="progress-bar" role="progressbar"

                                    style="width: 75%; background-color: black;" aria-valuenow="75" aria-valuemin="0"

                                    aria-valuemax="100">

                                </div>

                            </div>

                            </p>

                        </div>

                    </div>

                    <div class="row">

                        <div class="col-lg-4 col-md-4 col-sm-6">

                            <p class="language\_content">

                                Hindi

                            </p>

                        </div>

                        <div class="col-lg-8 col-md-8 col-sm-6">

                            <p>

                            <div class="progress" style="height: 2px;">

                                <div class="progress-bar" role="progressbar"

                                    style="width: 50%; background-color: black;" aria-valuenow="50" aria-valuemin="0"

                                    aria-valuemax="100">

                                </div>

                            </div>

                            </p>

                        </div>

                    </div>

                </div>

                <div class="container-fluid">

                    <div class="row">

                        <h4 class="tech\_head" style="margin-top: 30px;">TECHNICAL EXPERTISE</h4>

                        <div class="col">

                            <p class="tech\_content">

                            <ul>

                                <li>

                                    Languages :

                                    <ul class="tech\_content">

                                        <li>C</li>

                                        <li>C++</li>

                                        <li>JAVA</li>

                                        <li>HTML</li>

                                        <li>PHP</li>

                                        <li>MySQL</li>

                                    </ul>

                                </li>

                                <li>

                                    Software Skills :

                                    <ul class="tech\_content">

                                        <li>MS Office</li>

                                        <li>Netbeans IDE</li>

                                        <li>Visual Studio</li>

                                    </ul>

                                </li>

                            </ul>

                            </p>

                        </div>

                    </div>

                </div>

            </div>

            <div class="right col-lg-8 col-md-6 col-sm-12">

                <div class="container">

                    <div class="row">

                        <h4 class="career\_head" style="margin-top: 30px;">CAREER OBJECTIVE</h4>

                        <div class="col">

                            <p class="career\_content">

                                I would like to be a part of an organization that will enhance my professional and

                                personal skills thereby enabling me to contribute towards the growth of both the

                                organization and my career.

                            </p>

                        </div>

                    </div>

                </div>

                <div class="container">

                    <div class="row">

                        <h4 class="education\_head" style="margin-top: 30px;">EDUCATION</h4>

                        <div class="col">

                            <div class="row">

                                <div class="col-lg-3 col-md-3 col-sm-3">

                                    <p class="year">

                                    <h5> 2017-2020 -</h5>

                                    </p>

                                </div>

                                <div class="col-lg-9 col-md-9 col-sm-9">

                                    <p>

                                    <h5 class="course\_head">MASTER OF COMPUTER APPLICATIONS</h5>

                                    </p>

                                    <p>

                                        Cochin University of Science and Technology

                                    </p>

                                    <p>

                                        Percentage : 73%

                                    </p>

                                </div>

                            </div>

                            <div class="row">

                                <div class="col-lg-3 col-md-3 col-sm-3">

                                    <p class="year">

                                    <h5> 2014-2017 -</h5>

                                    </p>

                                </div>

                                <div class="col-lg-9 col-md-9 col-sm-9">

                                    <p>

                                    <h5 class="course\_head">BSc. ELECTRONICS AND COMPUTER MAINTENANCE</h5>

                                    </p>

                                    <p>

                                        Union Christian College, Aluva

                                    </p>

                                    <p>

                                        Mahatma Gandhi University, Kottayam

                                    </p>

                                    <p>

                                        Percentage : 81%

                                    </p>

                                </div>

                            </div>

                            <div class="row">

                                <div class="col-lg-3 col-md-3 col-sm-3">

                                    <p class="year">

                                    <h5> 2012-2014 -</h5>

                                    </p>

                                </div>

                                <div class="col-lg-9 col-md-9 col-sm-9">

                                    <p>

                                    <h5 class="course\_head">PLUS TWO</h5>

                                    </p>

                                    <p>

                                        Govt. H.S.S MANJAPRA

                                    </p>

                                    <p>

                                        Percentage : 87%

                                    </p>

                                </div>

                            </div>

                            <div class="row">

                                <div class="col-lg-3 col-md-3 col-sm-3">

                                    <p class="year">

                                    <h5> 2011-2012 -</h5>

                                    </p>

                                </div>

                                <div class="col-lg-9 col-md-9 col-sm-9">

                                    <p>

                                    <h5 class="course\_head">SSLC</h5>

                                    </p>

                                    <p>

                                        Sree Narayana Higher Secondary School, Okkal

                                    </p>

                                    <p>

                                        Percentage : 88%

                                    </p>

                                </div>

                            </div>

                        </div>

                    </div>

                </div>

                <div class="container">

                    <div class="row">

                        <h4 class="projects\_head" style="margin-top: 30px;">ACADEMIC PROJECTS</h4>

                        <div class="col-lg-12 col-md-12 col-sm-12">

                            <ul>

                                <li>

                                    <h6 style="margin-top: 20px;">BUS CONCESSION SYSTEM</h6>

                                </li>

                                <p>

                                    Facilitates more automation of various processes in the current KSRTC

                                    concession system.

                                </p>

                                <p>

                                    Environment: Java

                                </p>

                                <p>

                                    IDE: Netbeans IDE

                                </p>

                                <p>

                                    Database: MySQL

                                </p>

                                <li>

                                    <h6>SUBJECTIVE ANSWER EVALUATOR</h6>

                                </li>

                                <p>

                                    Automates the process of answer paper evaluation.

                                </p>

                                <p>

                                    Environment: Google Vision API, Python

                                </p>

                            </ul>

                        </div>

                    </div>

                </div>

                <div class="container">

                    <div class="row">

                        <h4 class="activities\_head" style="margin-top: 30px;">ACTIVITIES AND ACHIEVEMENTS</h4>

                        <div class="col">

                            <ul style="margin-top: 20px;">

                                <li>

                                    <p>

                                        Awarded <strong>NCC ‘C’</strong> Certificate in 2017.

                                    </p>

                                </li>

                                <li>

                                    <p>

                                        Co-ordinator of tech fest <strong>INNPASCO 3.0</strong> conducted by

                                        <strong>Department of

                                            Computer Applications, CUSAT</strong> .

                                    </p>

                                </li>

                            </ul>

                        </div>

                    </div>

                </div>

            </div>

        </div>

    </div>

</body>

</html>

**CSS File:-**

.head

{

    background-color: black;

    color: white;

    text-align: center;

}

.name

{

    margin-top: 30px;

    margin-bottom: 30px;

    height: 50px;

}

.left

{

    background-color: lightgrey;

    position: relative;

}

.right

{

    background-color: white;

}

.contact\_head

{

    position: relative;

    width: 100%;

    border-bottom: solid;

    border-color: black;

}

.language\_head

{

    position: relative;

    width: 100%;

    border-bottom: solid;

    border-color: black;

}

.tech\_head

{

    position: relative;

    width: 100%;

    border-bottom: solid;

    border-color: black;

}

.contact\_content

{

    margin-left: 20px;

    line-height: 40px;

}

.tech\_content

{

    line-height: 40px;

}

.career\_head

{

    position: relative;

    width: 100%;

    border-bottom: solid;

    border-color: black;

}

.career\_content

{

    line-height: 30px;

}

.education\_head

{

    position: relative;

    width: 100%;

    border-bottom: solid;

    border-color: black;

}

.projects\_head

{

    position: relative;

    width: 100%;

    border-bottom: solid;

    border-color: black;

}

.activities\_head

{

    position: relative;

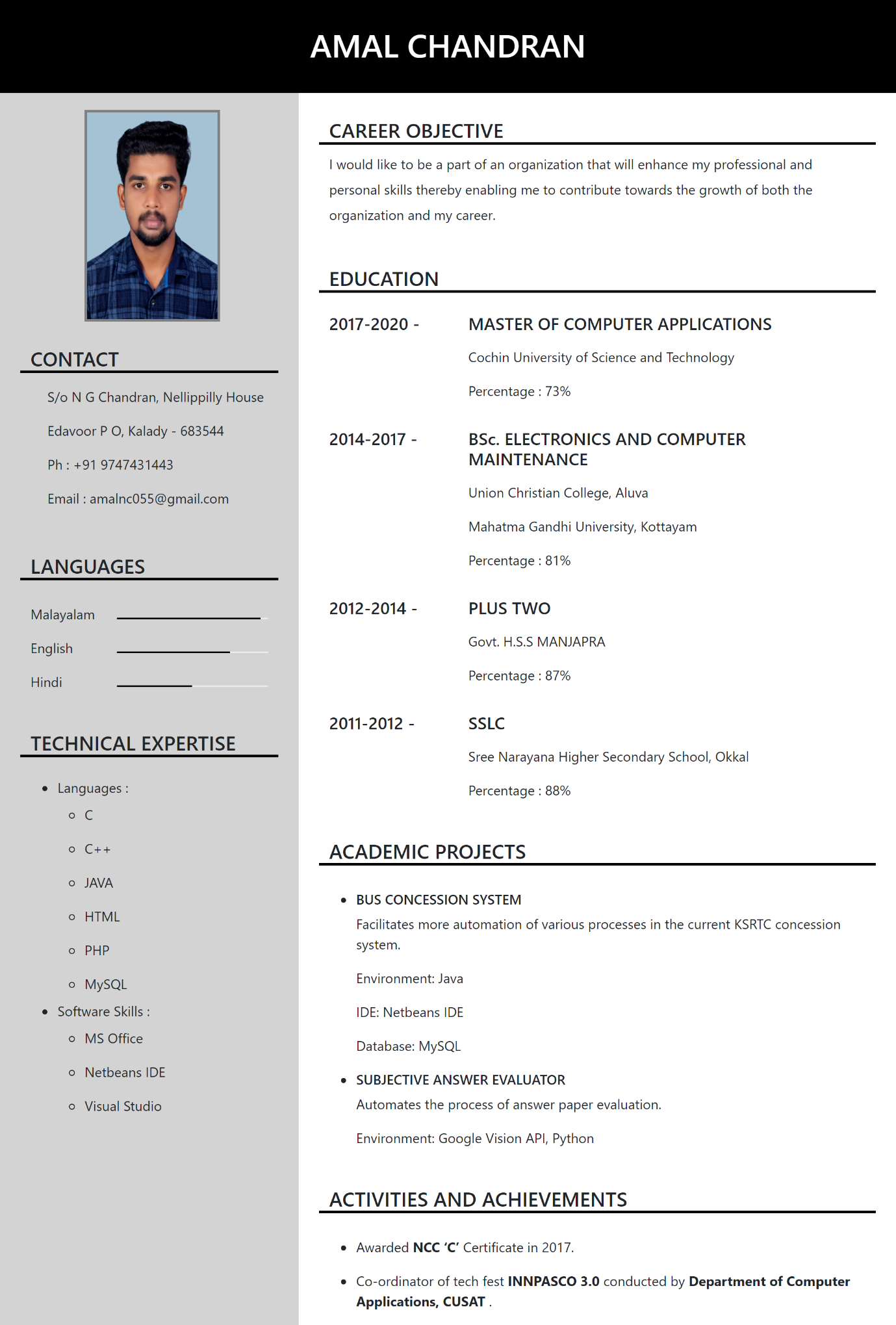
    width: 100%;

    border-bottom: solid;

    border-color: black;

}

**Output:**

****