

# INTERNET PROGRAMMING

(CSA 4317)

## ASSIGNMENT → UNIT-1

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1. you are tasked with creating a web page for a bike showroom. The showroom wants a clean and interactive design with models and specifications when brand is selected.

HTML code:

```
<!DOCTYPE html>
```

```
<html lang="en">
```

## Framest layout

- \* Element divides page into sections.  
(rows = "100px") for showroom.
- \* `<html>` and `<body>` (contains clickable hyperlink)

## Top Header Frame

```
<html>
```

```
<body>
```

```
<div class = "left-frame">
```

## Code Detail.

Dynamically display bike models and their specifications [models.html].

- 2) you are tasked with job application form for company's career page. "Cancel" button to reset the form or go back to previous page.



## Job Application Form

Full Name :

Input field :

Highest Qualification :

Gender :

Radio Button : ☐ M ☐ F ☐ N.B

The design should provide a smooth and intuitive experience for users.

- 3) you have been assigned the task of establishing development environment for a new web application project and other components.

Sudo apt update

Sudo apt install apache2

Install MySQL (or MariaDB)

`sudo mysql - secure-installation`

Install PHP

`sudo apt install php libapache2`

`sudo nano /var/www/html/info.php`

Test the stack.

you should now serve PHP files of web

server.

4) Developing web application ~~that~~ involves detailed

interaction b/w clients and servers using

HTTP-request message and HTTP response message.

a) Request Line

■ Contains 3 parts.

■ HTTP method . specify

type of operation

Example .

`GET /index.html`

`HTTP/1.1`



b) Headers

c) Black line

5) you are tasked with creating simple multi-page website for small business that includes homepage, an about page and a contact page.

Overall site structure

Header contains navigation menu with links to homepage, about page and c. page.

Color Scheme

Primary color #2C3E50

Secondary color #E74C3C

Dark Navy

Bright Red

Typography consistent and determinant

reduces and enhances readability of

overall user experience and body.

6) you update legacy web application  
to take advantage and HTML version to  
HTML5. Goal is leverage HTML5's New  
features to improve web development.

Forms and former elements which  
introduces all the attributes and  
leverage semantic elements.

<header> , <footer>

<article> , <section>

<nav> , <aside>

<main> , <figure>

7) Designing user registration form that effectively captures essential info and ensure data accuracy and complete before form is submitted.

### HTML Structure

```
<!DOCTYPE html>
```

```
<head>
```

- Create DOCTYPE and language declaration

- Meta Tags → Make form responsive

Form Element → `id = "registrationForm"`

- Submit Button → `<button type = "submit">` :

Triggers form submission. with

- all the programming including

Internet



8) Designing user registration form for a new web application. The

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<link rel="stylesheet" href="style.css">
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<main>
```

```
<section class="intro">
```

```
<h1> Introduction </h1>
```

```
</section>
```

```
</body>
```



9) Inlebpge that provides seamless user experience.

```
< !DOCTYPE hint >
```

```
< hint lang = "en" >
```

```
< head >
```

```
< meta charset = "UTF-8" >
```

```
< meta name = "viewport" >
```

```
< /head >
```

```
< body >
```

```
const expanded = toggle Button . get  
attribute ("aria  
expanded")
```

```
toggle Button . set Attribute ('aria - expand)
```

```
!s! :-
```

```
< /script >
```

```
< /body >
```

```
< /html >
```

10) Blog post webpage Design.

```
<!DOCTYPE html>
```

```
<html lang = "en">
```

```
<head>
```

```
<meta charset = "UTF-8">
```

```
<meta name = "viewport"
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<article>
```

```
<footer>
```

```
</footer>
```

```
<script src = "scripts.js">
```

```
</html>
```

```
</end>
```