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ROLL NO.

SUBJECT: Internet programming

STD ___ **DIV./SEC** ___

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1. # Simple personal webpage.

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title> Image -Link </title>
</head>
<body>
    <a href = "https://www. target website.com">
    <h1> Your name </h1>
    <p> This is a brief bio about yourself: </p>
    Favorite website </a>
</body>
</html>
```

Output;   YOUR NAME

This is a brief bio about yourself

Visit my Favorite website

2. # Image as a clickable Link

```
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title> Image Link </title>
</head>
<body>
    <a
    href = "https://www. target website.com">
        <img src = "path/to/image.jpg"
    alt = "Description of image">
    </a>
</body>
</html>
```

Output;

```
┌─────────┐
│  image  │
└─────────┘
```

3. Navigation Bar with unordered list

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset = "UTF-8"
    <title> Navigation Bar </title>
</head>
<body>
    <ul>
        <li><a href = "home.html"> Home </a> <li>
        <li><a href = about.html> Now </a> <li>
        <li><a href = "contact.html">contact </a> <li>
    </ul>
</body>
</html>
```

4. Student Grades Table

```
<! DOCTYPE html>
<html lang = "en">
<head>
    <meta charset ="UTF-8"
    <title> Navigation Bar </title>
</head>
<body>
    <table border = "1">
    <tr>
        <th> ID </th>
        <th> Name </th>
        <th> Grade </th>
    </tr>
    <tr>
        <td>101</td>
        <td> John Doe </td>
        <td> A </td>
    </tr>
    <tr>
        <td>102</td>
        <td>Jone Smith</td>
```

```html
        <td>B </td>
    </tr>
    </table>
    </body>
    </html>
```

output:

ID	Name	grade
101	John Doe	A
102	Janesmith	B

5. Product Information Table with manget teils

```html
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title> product Table </title>
</head>
<body>
    <table bordr = "1">
    <tr>
    <th claspan = "2"> product
Name </th>
        <th> price </th>
        <th> Quanity </th>
    </tr>
    <tr>
        <td colspan = "2"> product A</td>
    <td> $100 </td>
    <td> 50 </td>
    </tr>
    </table>
    </body>
    </html>
```

Output:

product Name	price	Quantity
product A	$100	50

6 Employee by Department Table with Rowspan

```html
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title>Employee Table</title>
</head>
<body>
  <table border "1">
   <tr>
     <th rowspan = "3"> marketing </tr>
     <td> Jne smit </td>
  </tr>
  <tr>
     <td> lice Johnson </td>
  </tr>
  <ltable>
  </body>
</html>
```

output:

Department	Employee Name
	John Doe
Marketing	Jane Smith
	Alic Johnson

7. Frames with Navigation and content

```html
<!DOCTYPE html>
<html lang = "en">
<head>
    <meta charset = "UTF-8">
    <title>Frame Layout</title>
</head>
<Frameset cols = "20%, 80%.">
    <Frame src = "navigation.html>
    </head>
    <Frameset cols = "20 X 80%.>
        <Frame src = "navigation.html'
           name = "1left">
```

```html
<table border="1">
<tr>
    <th rowspan="2">Department</th>
    <th>Employee Name</th>
</tr>
<tr>
    <td rowspan="3" html>
name="main">
</ frameset>
</html>
```

8   Frames with Document and Foot

```html
<!DOCTYPE html>
<html long="en">
<head>
    <meta charset="UTF-8">
    <title>frame Layout</title>
</head>
<frameset rows="75%,25x">
    <frame src="document.html"
name="top">
    name="bottom">
</frameset>
</html>
```

9.   Three column Frameset

```html
<!DOCTYPE html>
<html long="en">
<head>
    <meta charset="UTF-8">
    <title>Three column Layout</title>
</head>
<frameset cols="200,*,200">
    <frame src="left.html" name="left">
    <frame src="center.html"
name="center">
```

```
no < from  src = "right - html's
    name = "right")
    < / framset's
    < / html's
```

1. **Amlytical**

1. **Registration system**

```
<html>
<html> mlns> "http//ww w3 crg /xhtml's
<head>
    <title> course Registration </title>
    <style>
        table, th,td {badr : (px solid black;
        padding: lopx;
    </style>
    <script hype = "text /javascript"s
        function add course () {
            var name : document get element By Id
            var oods= document get element By Id ('couse code
                                value
            var unstructor = document gettlement By Id ")
            if (name e s code e instructor)
        </table>
    </body>
</html>

output
```

course code : [   ]

course name : [   ]

Add course

course code	course name
ece3us	elcc

2 Design a responsive blog layout using css The lay out using css. The layout should handle tast...

[Navigation Bar]

```
<html>
<head>
    <title>Blog Layout</title>
    <link rel="stylesheet" href "style.css">
</head>
<body>
    <header>
        <h1> my Blog </h1>
        <nav>
<a href="#home"> Home </a>
<a href="#about"> About </a>
<a href="#blog"> Blog </a>
<a href="#contact"> contack </a>
</nav>
</head>
    <div class="coindainer">
    <aside> sidebar content x </aside>
    <main> main content area </main>
</div>
    <footer>& copy; 2024 My Bolg </footer>
</body>
</html>
```

output:

My Blog

| Home | About | Blog | Contack |

About me
some information
categories
c1
c2

Blog post
titt
"welcome"
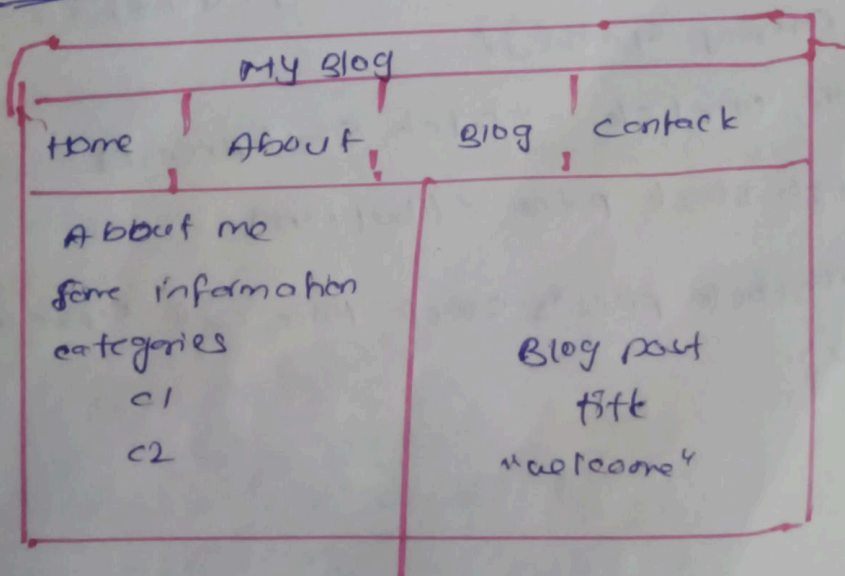
3

Implement a real time stock price ajax.
The system should fetch and display. Stock.

```html
<html>
<head>
    <title> Real time stock price viewer </title>
    <style>
        body {
            font-family : Arial, sans-senti
            test-align : center;
            padding : 20px;
        }
#stock-price {
    font-size - 20px
    margin-top 20px;
    color -# 333;
}
input (type : "text") {
        paddim : 10px;
        margin -right 10px;
    } button {
            padding: 10px 20px;
        }
    </style>
    <script>
        function fetchstock price ()
        {
        const company symbol : document. get Hement
                    BySa ('stock symbul'), values
        If (! Company symbol) {
        <button onclick - "Fetch Stock price ()
            fetch stock price < (button)
<div id, "stock price") stock price will appear
    <div)
<body>
<html
```

output:

```
Stock Price view
Enter stock symbol: [AAPU]
Current price of Anph : $ xxx'xx
```

4. Develop a shopping cast system using Java
The system should handle tasks such as
adding crems to cat.

```
ut shopping cast = [];
Function addikm cat (itemid, itemname,
itemprice, item quantity) [
    const existing item = shopping cast.
if (existing item) {
    existing Ikm. quantity + itemquantity)
    consde. log ("updated & itemname z);
}else {
    const Newikm = {
        id = itemid
        name : itkmid
        prime : item quantity
    };
shopping cast push (new ikm))
conste . log ( " Added & $item Name J')
}
updated it Total ( ):
}
addikm To carb (1, "Laptop" 99999 .1 ))
addikm To cart (2, "smort phone". 49999,2 )
addikm To cart (3, "lapton ", 99.99 );
```

Output:
```
shopping cart
Apple $1.00x5
    (Remake Button)
Banana - $ 0.50x5
    (Remake Button)
Apply Discount (Button)
Enter Discount code (input field)
```

Developing a website for a local resurant.
It should an smaller screens. HTML, css
code.

```html
<html>
<head>
    <title> responsive Restaurant </title>
    <body>
        <nav class = "navbar">
        <div class = "logo">
            <h1> Restaurant </h1>
        </div>
    <ul class = "nav-links" id = "navlinks">
      <li><a href = "#"> home </a></li>
      <li><a href = "#"> menu </a></li>
      <li><a href = "#"> about </a></li>
    </ul>
    <div class = "hamburger" id = "hamburger">
        <span></span>
    </div>
    </nav>
    const hamburger = document.get element.By.Id
                        ('hamburger'))
});
</script>
</body>
</html>
```

CSS:

```css
* {
    margin : 0;
    padding : 0;
}
body {
    Logo nil
        color : which
    hamburger {
        display: none;
        curror : pointer;
    }
    hamburger span {
        background color : white;
        width : 25px.
        height : 3px;
    }
}
```

output:

    Responsive Restaurant

        Restaurant

Home   Menu   About   contact

   Hamburger

6. user Registration Form for a social networking website. The Form should contain username,

HTML code:

```
< html>
<head>
    < title> user Registration < /title>
<style>
    error (colour: red; }
    . form - group { margin - bottom; 5px }
</style>
<body>
   <form id : "registration ".>
   < div. class = " form - group" >

        < label for = "username "> username
                                < label >
   <input type = "text" id = "username"
             name = "username "required>
   </div>
   <button type= "submit" > Register < l button>

   </form>
   < script>
        document . getelement by id ('reg form')>
            add event listner ('submit', function
                                (event ))

        list is valid > true;

        (const email > document . get element by Id
                        ('email') value)
   const password : document. get element by Id ('put') value;
output:

   </script>
      user Registration
```