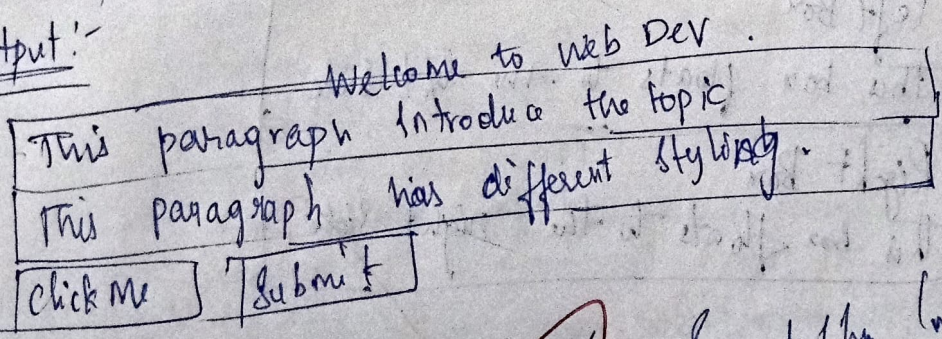# HTML Programs for numerous elements. Using (CSS).

Program:-

```html
<!DOCTYPE html>
<html>
<head>
<style>
body { font-family: Arial; background: #f5f5f5}
h1 { Color: green; text-align: Center}
.Intro { Color: navy; background: #e0f7fa; padding: 8Px}
.Content { Color: maroon; background: #ffe0b2; padding: 8Px}
button { Padding: 8Px 15Px; border: none; border-radius: 5Px;
Color: #fff; Cursor: Point}
.Primary { background: royalblue }
.Secondary { background: darkorange}
</style>
</head>
<body>
<h1> Welcome to Web Dev </h1>
<p class="Intro">This paragraph Introduces the topic. </p>
<p class="Content">This paragraph has different Styling. </p>
<button class="Primary"> Click Me </button>
<button class="Secondary">Submit </button>
</body>
</html>
```

Output:-

Welcome to web Dev.

This paragraph Introduce the topic

This paragraph has different styling.

[Click Me] [Submit]

Result : Then the program was Successfully Implemented.

Expt:-

Create HTML Web page

Program:-

```html
<!DOCTYPE html>
<html>
<head>
  <style>
  body { font-family: Arial; margin: 20px}
  .box { width: 45%; float: left; Padding: 20px }
  .left { background: #add8e6 ; Margin-right: 5% }
  .right { background: #f080809 }
  body :: after { Content: "" ; display: table; clear: both }
  </style>
</head>
<body>
  <div class="box left">Left Box <br> This box floats
  to the left side. </div>
  <div class="box right"> Right Box <br> This box floats
  to the right side. </div>
</body>
</html>
```

Output:-

```
┌─────────────────────────────────────────┐
│ Left Box                                 │
│ This box floats to the left side         │
│                                          │
│ Right Box                                │
│ This box floats to the right side        │
└─────────────────────────────────────────┘
```
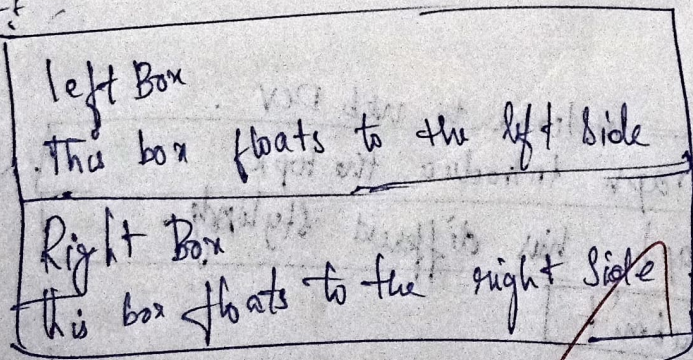
Result:-

Thus the program was Successfully Implemented.

Exp 8 :-

Write a Java Script page to find the.
→ Exponential value.
→ limit the no. of digits after the decimal value.
→ Convert a no. of string
→ Return -ve infinity using the no. of object in the HTML document

Program :

```
<! DOCTYPE html>
<html>
<head>
  <title> Number ops</title>
</head>
<body>
  <h1> Java Script Number Operations</h1>
  <Script>
  let num = 1234.56789;
  document. write (" Exponential :" + num.toExponential (2)+"<br>");
  document. write (" Fixed (3):" + num.toFixed(3)+ "<br>");
  document. write (" To string:" + num.toString ()+ "<br>");
  document. write (" negative infinity:" + Number.NEGATIVE_INFINITY);
  </Script>
</body>
</html>
```

Output :-

Javascript   Number Operations.
Exponential : 1.23e+ 3.
fixed (3) : 1234.568.
To string : 1234.56789.
-ve infinity :- infinity

Result :-

Thus the program was successfully implemented.

Exp 9 :-

Write a Java Script program. for Email Validation.

Program :

```
<! DOCTYPE html>
<html>
<head>
  <title > Email check </title>
  <script>
```

```
function Validate Email(){
    let Email= document. getElementById ("Email"). Value;
    return /^[^\s@]+@[^\s@']+.[^\s@]+$/. test (Email)
    ? alert ("valid Email!"); alert(" Invalid Email")
}
</Script>
</head>
<body>
    <h2> Email Validation <| h2>
    <form Onsubmit = "return Validate Email()">
        <Input type ="text" id= "Email" Place holder = "Enter Email
        required>
        <Input type = "Submit" Value = "Submit">
    </form>
</body>
</html>
```

Output :-

Email Validation.

| Enter Email | | Submit |

Result :- Thus the program was Successfully Implemented

Exp 10 :-

Create Background GIF to a webpage.

Program :

```
<! DOCTYPE html>
<html>
<head>
<Style>
body {
    margin: 0; display: flex ; justify -Content ; align-Items; center;
    height : 100vh ; font- family : Arial; color: white;
    background: linear- quadient (270 deg # f7e5f, # 6a11cb);
    background-size :400% 400% ; animation : move 10s infinite
    alternate; }
    @key frames move {0% { background -position : 0 50%.}
    100% { background- Position :100% 50%.}}
</Style>
</head>
<body>
    <h1 > Welcome to the Animated Background!</h1>
</body>
</html>
```

Output

┌─────────────────────────────────────┐
│   │
│   Welcome to Animated Background   │
│   │
└─────────────────────────────────────┘

Result :- Thus the program was Successfully Implemented.

Exp 11 :-

Create a web page that ~~that displ~~ perform animation effect -