

WEB TECHNOLOGY AND ITS APPLICATIONS

Assignment:03

Program-3:

Write a JavaScript code that displays text “TEXT GROWING” with increasing font size in the interval of 100ms in RED COLOR, when the font size reaches 50pt it displays “TEXTSHRINKING” in BLUE color. Then the font size decreases to 5pt.

```
<!DOCTYPE HTML>
<html>

<head>
<title>Text Shrink</title>
<style>
p {
position: absolute;
top: 50%;
left: 50%;
transform: translate(-50%, -50%);
}

</style>
</head>

<body>
<p id="demo"></p>
<script>
var var1 = setInterval(inTimer, 500);
var fs = 5; //font size
var ids = document.getElementById("demo");

function inTimer()
{
```

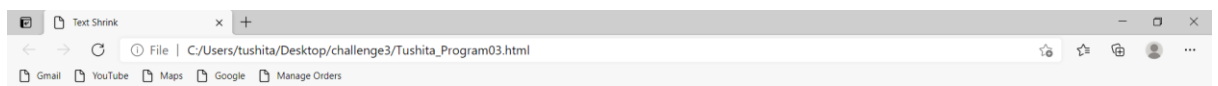
```
ids.innerHTML = 'TEXT GROWING';
ids.setAttribute('style', "font-size: " + fs + "px; color: red");
fs += 5;
if (fs >= 50)
{
clearInterval(var1); //paused
var2 = setInterval(deTimer, 500);
}
}

function deTimer() //fs = 50px
{
fs -= 5;
ids.innerHTML = 'TEXT SHRINKING';
ids.setAttribute('style', "font-size: " + fs + "px; color: blue");
if (fs == 5)
{
clearInterval(var2); //paused
var1 = setInterval(inTimer, 500);
}
}

</script>
</body>

</html>
```

OUTPUT:



TEXT SHRINKING



TEXT GROWING



CHALLENGE:

```
<!DOCTYPE HTML>
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet" href="TushitaS_Challenge3.css">
```

```
<title>Text Shrink(Challenge03)</title>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<a href="https://www.amazon.in/Wings-Fire-Autobiography-Abdul-
Kalam/dp/8173711461/ref=sr_1_1?crid=1HWFL789M0542&dchild=1&keywords=wings+of+fire&qid=1621582
653&sprefix=wings+%2Caps%2C302&sr=8-1"><button> Home </button></a>
```

```
<a href="https://www.amazon.in/Wings-Fire-Autobiography-Abdul-
Kalam/dp/8173711461/ref=sr_1_1?crid=1HWFL789M0542&dchild=1&keywords=wings+of+fire&qid=1621582
653&sprefix=wings+%2Caps%2C302&sr=8-1"><button> Place </button></a>
```

```
<a href="https://www.amazon.in/Wings-Fire-Autobiography-Abdul-
Kalam/dp/8173711461/ref=sr_1_1?crid=1HWFL789M0542&dchild=1&keywords=wings+of+fire&qid=1621582
653&sprefix=wings+%2Caps%2C302&sr=8-1"><button> Gallery </button></a>
```

```
>
```

<button> About </button>

<h1>**Wings Of Fire**</h1>

</header>

<figure>

<figcaption> by A. P. J. Abdul Kalam</figcaption>

</figure>

<p>

Every common man who by his sheer grit and hard work achieves success should share his story with the rest for they may find inspiration and strength to go on, in his story. The 'Wings of Fire' is one such autobiography by visionary scientist Dr. APJ Abdul Kalam, who from very humble beginnings rose to be the President of India. The book is full of insights, personal moments and life experiences of Dr. Kalam. It gives us an understanding on his journey of success.

</p>

<time>Year : 1999 </br> Date : 1st January </time>

<div>

<h3> Reviews </h3>

<p> The best book you will ever read!

 Arnav

</p>

<p> <small> This is the most inspirational book one can ever read.</small></p>

</div>

<hr>

<div>

<p> I surely recommend this book.

 Nishchay

</p>

<p> <small> This book is truly worthy of a 5 star review.</small></p>

</div>

<hr>

<div>

<p> Wonderful read!

 Ramesh Sharma

</p>

<p> <small>This book is also a great read for MBA graduates and leaders. This book has really practical leadership lessons to offer.</small></p>

<hr>

<div>

<p> An amazing real-life account by an extra ordinary person.

 Sheetal

</p>

<p> <small>. Management, philosophy and spirituality blended beautifully. Poetic in narration and easy to read.</small></p>

</div>

<hr>

<button> Home </button>

<button> Place </button>

<button> Gallery </button>

>

<button> About </button>

<footer>

Copyright © 1999 Autobiography

</footer>

<d id="demo"></d>

<script>

var var1 = setInterval(inTimer, 500);

var fs = 5; //font size

var ids = document.getElementById("demo");

function inTimer()

{

ids.innerHTML = '*TEXT GROWING*';

ids.setAttribute('style', "font-size: " + fs + "px; color: red");

fs += 5;

if (fs >= 50)

{

clearInterval(var1); //paused

var2 = setInterval(deTimer, 500);

}

```
}  
  
function deTimer() //fs = 50px  
{  
  fs -= 5;  
  ids.innerHTML = '*TEXT SHRINKING*';  
  ids.setAttribute('style', "font-size: " + fs + "px; color: blue");  
  if (fs == 5)  
  {  
    clearInterval(var2); //paused  
    var1 = setInterval(inTimer, 500);  
  }  
}  
  
</script>  
</body>  
</html>
```

CSS Code:

```
body{  
  background-color: #92a8d1;  
}  
  
d{  
  position: absolute;  
  top: 30%;  
  left: 70%;  
  transform: translate(-50%, -50%);  
}  
  
p{  
  margin: 0;  
  margin-bottom: 1em;  
  font-size: larger;  
  font-family: ;  
}
```

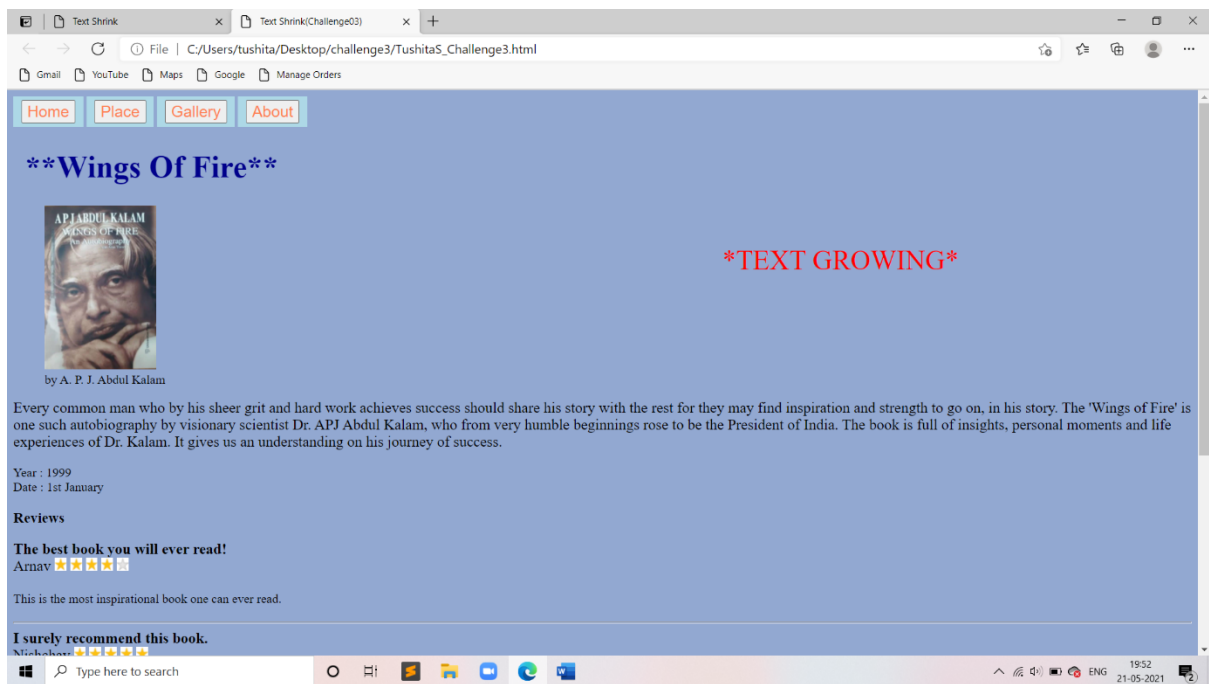
```
footer{  
margin-top: 1%;  
font-size: medium;  
font-family: fantasy;  
}
```

```
a{  
background-color:lightblue;  
border: none;  
color: grey;  
padding: 5px 10px;  
text-align: center;  
text-decoration: none;  
display: inline-block;  
font-size: 10px;  
}
```

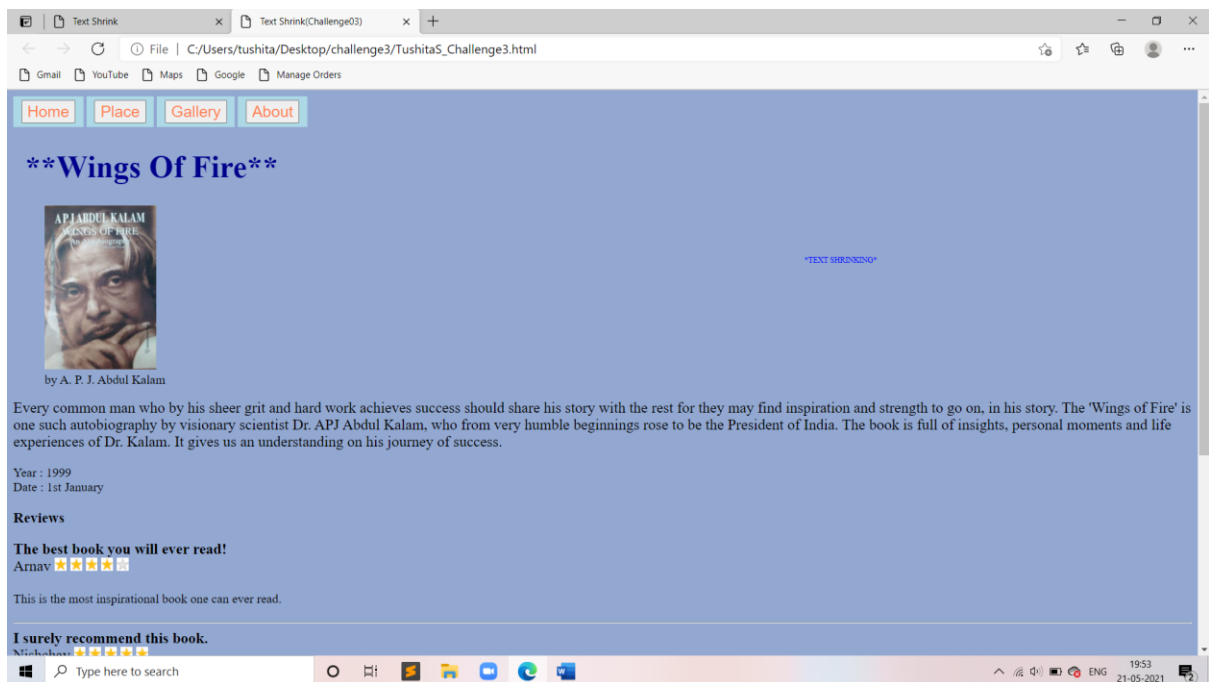
```
h1{  
color: #00008B;  
font-size: 40px;  
font-family: initial;  
padding-left: 15px;  
}
```

```
button{  
font-size: 20px;  
font-family: ;  
color: coral;  
}
```


OUTPUT:



Text Growing output.



Text Shrinking output.



Below part output.