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Program1: Develop a html document using <image> and <table> tag.

```
<html>
<head>
<title>program1</title>
</head>
<body>
<table border="1">
<tr>
<th>special requirements</th>
<th>specifications</th>
</tr>
<tr>
<td>retractable protective armor</td>
<td>engine type</td>
<td>jet turbine</td>
</tr>
<tr>
<td>weapon system</td>
<td >thust</td>
<td>150 lbs 103% ros</td>
</tr>
<tr>
<td>instruments aircraft</td>
<td >torquee</td>
<td>170 lbs@98.7% ros</td>
</tr>
<tr>
<td rowspan="9"><img src= "C:\Users\Lenovo\Downloads\pic26.jpg " width="200">
</tr>
<tr>
<td>0.60 mph</td>
<td>3.7 sec</td>
</tr>
<tr>
<td>top speed</td>
<td>unknown</td>
</tr>
<tr>
<td>break rate</td>
<td>excellent</td>
</tr>
<tr>
```

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```
<td>length</td>
<td>300.5cm</td>
</tr>
<tr><td>width</td>
<td>100cm</td>
</tr>
<tr><td>wheel</td>
<td>cast alloy 15*75</td>
</tr>
<tr><td>fuel required</td>
<td>99.9% carbon free petrol</td>
</tr>
</table>
</body>
</html>
```

Output:

special requirements	specifications	
retractable protective armor	engine type	jet turbine
weapon system	thust	150 lbs 103% ros
instruments aircraft	torquee	170 lbs@98.7% ros
	0.60 mph	3.7 sec
	top speed	unknown
	break rate	excellent
	length	300.5cm
	width	100cm
	wheel	cast alloy 15*75
	fuel required	99.9% carbon free petrol

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Program 2: Develop a HTML document to implement quick view of your college calendar. Create a document with the name, "Sidebar.html" with an unordered list off our links. Add a target property to each link. Use horizontal and vertical frames and hyperlinks to design the page.

frameset.html:

```
<html>
<head>
<title>srinivas university</title>
</head>
<frameset rows="25%,*" frameborder="1" frame spacing="5" border="3">
<frame name="top" src="title.html">
<frameset cols="35%,*" frame spacing="5" border="3">
<frame name="left" src="sidebar.html">
<frame name="right" src="">
</frameset>
</frameset>
</html>
```

title.html

```
<html>
<head>
<title>Srinivas university</title>
</head>
<body bgcolor="yellow" align="center">
<h1>Srinivas university<h1>
</body>
</html>
```

sidebar.html

```
<html>
<head>
<title>srinivas university</title>
</head>
<frameset rows="25%,*" frameborder="1" frame spacing="5" border="3">
<frame name="top" src="title.html">
<frameset cols="35%,*" frame spacing="5" border="3">
<frame name="left" src="sidebar.html">
<frame name="right" src="">
</frameset>
</frameset>
</html>
```

about us.html

```
<html>
<head>
<title></title>
</head>
<body>
<h1>about us</h1>
<p>Srinivas University, Mangalore, is a Private Research and skill focused University in Manga-
lore, Karnataka, India established in 2013 by Karnataka State Act.
</p>
</body>
</html>
```

course.html:

```
<html>
<body>
<h1>course</h1>
<p>
<ul type="circle">
<li>BCA</li>
<li>B COM</li>
<li>BBA</li>
<li>MCA</li>
<li>B.sc</li>
<li>M COM</li>
</ul>
</p>
</body>
</html>
```

faculty.html
```
<html>
</head>
<body>
<h1>faculty</h1>
<p>
<ol type="a">
<li>prof.shridhar Acharya</li>
<li>Ms.Swathi</li>
<li>Ms.Anusha</li>
<li>Ms.Janani</li>
```

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```
<li>Ms.Jhanavi</li>
<li>Mr.Vikranth</li>
<li>Ms.Priya</li>
</ol>
</body>
</html>
```

Rules.html

```
<html>
<head>
<title></title>
</head>
<body>
<h1>Rules</h1>
<p>
<ol type="1">
<li>Minimum 90 days of classes in each semester.</li>
<li>If Semester does not get the required 90 days, extra classes will be arranged on Saturday/Sunday or other Holidays to complete the syllabus.</li>
<li>75% of attendance is mandatory for each student.</li>
</ol></p>
</body>
</html>
```

Output:

Program 3: Develop a HTML document to display admission form for a course (use all available form controls).

```
<html>
<head>
<title>student registration</title>
</head>
<body>
<table border="2" cellspacing="10" width="50%" cellpadding="2">
<form action="success.html" method="post" target="_blank">
<tr>
<td colspan="2">
<h3><center>student registration form</center></h3></td>
</tr>
<tr>
<td>student name</td>
<td><input type="text" name="student name" size="25" required></td>
</tr>
<tr>
<td>father name</td>
<td><input type="text" name="father name" size="25" required></td>
</tr>
<tr>
<td>address</td>
<td><textarea cos="20"rows="5"></textarea></td>
</tr>
<tr>
<td>date of birth</td>
<td><select name="dd">
<option value="1">1</option>
<option value="2">2</option>
<option value="3">3</option>
<option value="4">4</option>
<option value="5">5</option>
<option value="6">6</option>
<option value="7">7</option>
<option value="8">8</option>
<option value="9">9</option>
<option value="10">10</option>
<option value="11">11</option>
<option value="12">12</option>
<option value="13">13</option>
<option value="14">14</option>
<option value="15">15</option>
```

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```
<option value="16">16</option>
<option value="17">17</option>
<option value="18">18</option>
<option value="19">19</option>
<option value="20">20</option>
<option value="21">21</option>
<option value="22">22</option>
<option value="23">23</option>
<option value="24">24</option>
<option value="25">25</option>
<option value="26">26</option>
<option value="27">27</option>
<option value="28">28</option>
<option value="29">29</option>
<option value="30">30</option>
<option value="31">31</option>
</select>
<select name="mm">
<option value="jan">jan</option>
<option value="feb">feb</option>
<option value="mar">mar</option>
<option value="apr">apr</option>
<option value="may">may</option>
<option value="june">june</option>
<option value="july">july</option>
<option value="aug">aug</option>
<option value="sep">sep</option>
<option value="oct">oct</option>
<option value="nov">nov</option>
<option value="dec">dec</option>
</select>
<select name="yyyy">
<option value="1995">1995</option>
<option value="1996">1996</option>
<option value="1997">1997</option>
<option value="1998">1998</option>
<option value="1999">1999</option>
<option value="2000">2000</option>
<option value="2001">2001</option>
<option value="2002">2002</option>
<option value="2003">2003</option>
<option value="2004">2004</option>
<option value="2005">2005</option>
</select>
```

```html
</td>
</tr>
<tr>
<td>gender</td>
<td><input type="radio" name="gender" value="male">male
<input type="radio" name="gender" value="female">female</td>
</tr>
<tr>
<td>email</td>
<td><input type="text" name="email"></td>
</tr>
<tr>
<td>+2/PUC</td>
<td><input type="radio" name="sub" value="science">science
<input type="radio" name="sub" value="commerce">commerce
<input type="radio" name="sub" value="arts">arts</td>
</tr>
<tr>
<td>subject taken in puc/+2</td>
<td><select size="6" multiple>
<option value="phy">physics</option>
<option value="chemistry">chemistry</option>
<option value="mathematics">mathematics</option>
<option value="commerce">commerce</option>
<option value="arts">arts</option>
</select>
</td>
</tr>
<tr>
<td>interested in</td>
<td><input type="checkbox" name="designing" value="on">designing
<input type="checkbox" name="coding">coding
<input type="checkbox" name="analyst">analyst
</td>
</tr>
<tr><td>photo</td>
<td><input type="file" name="pic" accept="image/*"></td>
</tr>
<tr>
<td>password</td>
<td><input type="password" value="password">
</td>
</tr>
<tr><td></td>
```

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```
<td><input type="submit" value="submit">
<input type="reset">
</td>
</tr>
</form>
</table>
</body>
</html>
```

success.html:

```
<html>
<head>
<title>student registreation</title>
</head>
<body>
<h1>submitted successfully</h1>
</body>
</html>
```

Output:

student registration form	
student name	tanmay
father name	shashi
address	uppala
date of birth	7 ⌄ aug ⌄ 2003 ⌄
gender	◉ male ○ female
email	ailtanmay34@gmail.com
+2/PUC	○ science ◉ commerce ○ arts
subject taken in puc/+2	physics / chemistry / mathematics / commerce / arts
interested in	☐ designing ☑ coding ☐ analyst
photo	Choose File No file chosen
password	••••••••
	submit Reset

← C ⓘ File | E:/tanmay/part%20a/success.html

submitted successfully

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Program 4: Write a HTML and CSS program illustrating margin and padding.

```
<html>
<head> <title> html and css </title> </head>
<body>
<div style="background-color:#ff0000; border:5px solid green; padding:0px">
<div style="border:2px solid black; background:yellow;
margin-top:30px;
margin-right:30px;
margin-bottom:30px;
margin-left:30px;">
margin-top:30px <br>
margin-right:30px <br>
margin-bottom:30px <br>
margin-left:30px  <br>
</div> </div>
<hr>
<div style="background-color:#0066ff; border:5px solid blue; padding:0px">
<div style="border:2px solid black; background:yellow;
padding-top:30px;
padding-right:30px;
padding-bottom:30px;
padding-left:30px;">
padding-top:30px <br>
padding-right:30px <br>
padding-bottom:30px <br>
padding-left:30px  <br>
</div> </div>
</body>
</html>
```

Output:

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Program 5: Write a HTML and CSS program for displaying background images with styles.
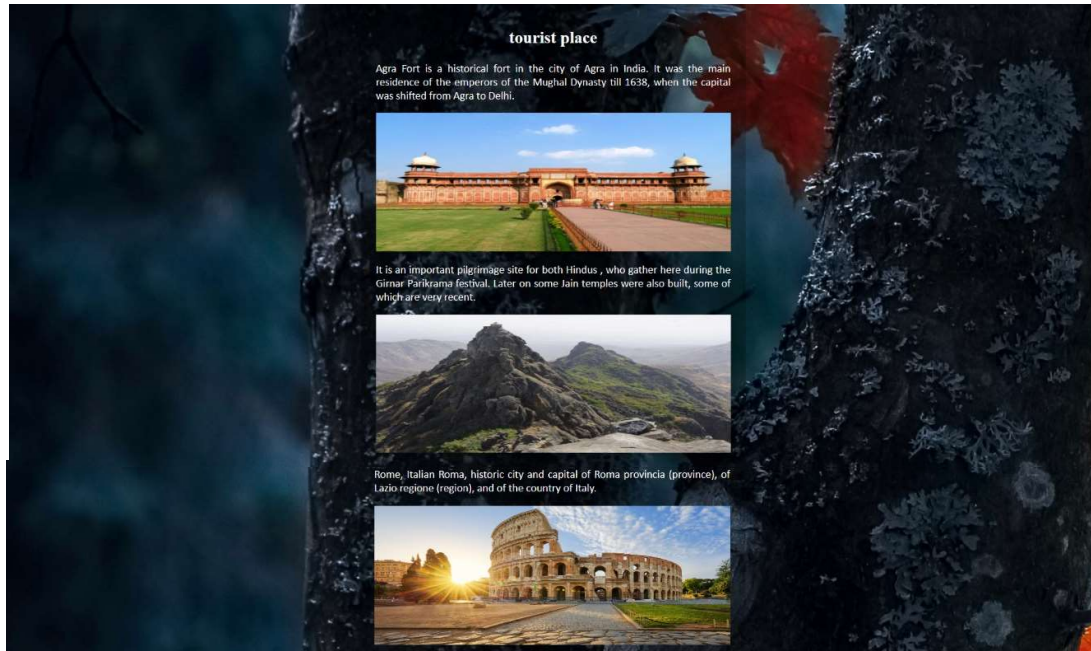
```html
<html>
<head>
<title> background image </title>
<style>
body{
color#fc6;
background-color:#c72;
background-image: url("bg.jpg");
font-size:15px;
margin:0;}
article{
width:480px;
padding:20px;
margin:auto;
background-color:rgba(0,0,0,.2);}
h1{ text-align:center; color:white;}
p{color:white; font-family:calibri; sans-serif; text-align:justify;}
</style> </head>
<body>
<article>
<h1> Tourist Place </h1>
<p>Agra Fort is a historical fort in the city of Agra in India. It was the main residence of the emperors of the
Mughal Dynasty till 1638, when the capital was shifted from Agra to Delhi. </p>
<img src= "Agra.webp" width="480" height="187" alt="agrafort">
<p>It is an important pilgrimage site for both Hindus , who gather here during the Girnar Parikrama festival.
Later on some Jain temples were also built, some of which are very recent.  </p>
<img src="GIRNAR.jpg" width="480" height="187" alt="girnar">
<p>Rome, Italian Roma, historic city and capital of Roma provincia (province), of Lazio regione (region),
and of the country of Italy. </p>
<img src="rome.jpg" width="480" height="187" alt="rome">
</article>
</body>
</html>
```

<u>Output:</u>

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Program 6: Write a HTML and CSS program for blockquote text with styles.

```
<html>
<head>
<title> demo pull quotes 1</title>
<style>
body{font:13px/2 arial, helvetica, sans-serif;}
article{width:500px;}
.pquote{float:left; width:100px; background:#ddf; font-weight:bold; padding:13px; margin:0 13
13px0}
.one{text-align:center; color:blue;}
p{text-align:center:justify;}
</style>
</head>
<body>
<article>
<h3> <p class="one"> programming language </p> </h3>
<p>JavaScript and Python, two of the most popular languages in the startup industry, are in high
demand. Most startups use Python-based backend frameworks such as Django (Python), Flask (Py-
thon </p>
<div class="pquote"
<p> description of asp.net, php and pyton </p> </div>
<p> NET is a developer platform made up of tools, programming languages, and libraries for
building many different types of applications. ASP.NET extends the. </p>
<p> PHP (Hypertext Preprocessor) is known as a general-purpose scripting language that can be
used to develop dynamic and interactive websites.  </p>
<p> Python is a computer programming language often used to build websites and software, auto-
mate tasks, and conduct data analysis. </p>
</article>
</body>
</html>
```

Output:

programming language

JavaScript and Python, two of the most popular languages in the startup industry, are in high demand. Most startups use Python-based backend frameworks such as Django (Python), Flask (Python), and NodeJS (JavaScript). These languages are also considered to be the best programming languages to learn for beginners

description of asp.net, php and pyton

NET is a developer platform made up of tools, programming languages, and libraries for building many different types of applications. ASP.NET extends the.

PHP (Hypertext Preprocessor) is known as a general-purpose scripting language that can be used to develop dynamic and interactive websites.

Python is a computer programming language often used to build websites and software, automate tasks, and conduct data analysis.

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Program 7: Write an HTML and CSS program to create vertical navigation bar.

```html
<html>
<head>
<style>
ul{
list-style-type:none; margin:0; padding:0; width:200px; background-color:#f1f1f1;
}
li a{
display:block; color:#000; padding:8px 16px; text-decoration:none;
}
li a:hover{
background-color:#555; color:white;
}
</style>
</head>
<body>
<h2> vertical navigation bar</h2>
<ul>
<li><a href="#home">home</a></li>
<li><a href="#news">news</a></li>
<li><a href="#contact">contact</a></li>
<li><a href="#about">about</a></li>
</ul>
</body>
</html>
```

Output:

Program 8: Write a HTML and CSS program to display simple image gallery.

```
<html>
<head>
<style>
h1{
text-align:center; color:brown;
}
div.gallery{
margin:20px; border:1px solid #ccc; height: auto; width:150px; float: left;
}
div.gallery:hover{
border:1px solid blue;
}
div.gallery img{
width:100%; height: auto;
}
div.desc{
padding:15px; border:1px solid #ccc; text-align: center;
}
</style>
</head>
<body>
<h1>Image Gallery</h1>
<div class="gallery">
<a target="_blank" href="taj.webp">
<img src="taj.webp" alt="taj mahal" width="600" height="400"></a>
<div class="desc">The Taj Mahal is an Islamic ivory-white marble mausoleum on the right bank of the
river Yamuna in the Indian city of Agra.
</div>
    </div>
<div class="gallery">
<a target="_blank" href="Agra.webp">
<img src="Agra.webp" alt="agra fort" width="600" height="400"></a>
<div class="desc">Agra fort is a historical fort in the city of Agra in India. It was built during 1565-1573 for
Mughal Emperor Akbar.</div>
</div>
<div class="gallery">
<a target="_blank" href="redfort.cms">
<img src="redfort.cms" alt="red fort" width="600" height="400"></a>
<div class="desc">The Red Fort or Lal Qila (Hindustani: [laːlqiːlaː]) is a historic fort in Old Delhi, Delhi in
India that served as the main residence of the Mughal Emperors</div>
</div>
<div class="gallery">
<a target="_blank" href="GIRNAR.jpg">
<img src="GIRNAR.jpg" alt="girinar" width="600" height="400" ></a>
```

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```
<div class="desc">Girnar is an ancient hill in Junagadh, Gujarat, India. Girnar Mount. </div> </div>
<div class="gallery">
<a target="_blank" href="BEKAL.jpg">
<img src="bekal.jpg" alt="bekal fort" width="600" height="400"></a>
<div class="desc">Bekal Fort is a medieval fort built by Shivappa Nayaka of Keladi, at Bekal </div></div>
<div class="gallery">
<a target="_blank" href="Ranipura.jpg">
<img src="Ranipura.jpg" alt="ranipuram" width="600" height="400"></a>
<div class="desc">Ranipuram hills is an attractive destination located in the Kasaragod district.</div>
</div>
<div class="gallery">
<a target="_blank" href="Mysore.webp">
<img src="Mysore.webp" alt="mysore palace" width="600" height="400"></a>
<div class="desc">The Mysore Palace, also known as Amba Vilas Palace, is a historical palace and a royal
residence (house). It is located in Mysore, Karnataka.</div>
</div>
</body>
</html>
```
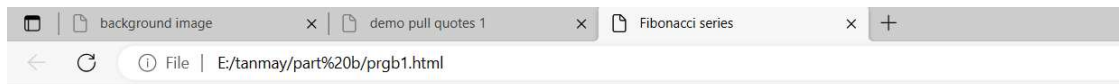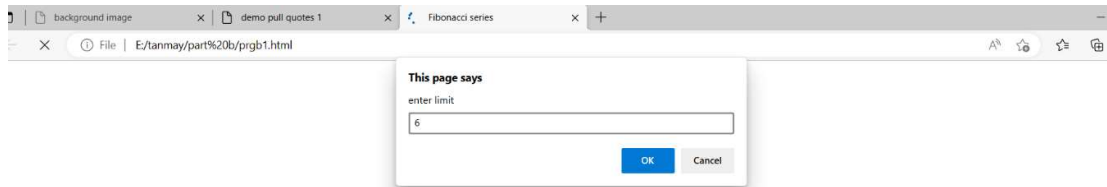
Output:

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Program 1: Write a program to display Fibonacci series using Javascript.

```html
<html>
<head>
<title>Fibonacci series</title>
</head>
<body>
<script type="text/javascript">
var fib1=0;
var fib2=1;
var fib3;
var num = prompt("enter limit");
if(num!=null && num>0)
{
document.write("<h2> first "+num+" numbers in the fibonacci series are </h2>");

if(num==1)
{
document.write("<h2>" +fib+"</h2>");
}
else
{
document.write(fib1+"<br/>");
document.write(fib2+"<br/>");
}
for(var i=3;i<=num;i++)
{
fib3=fib1+fib2;
document.write (fib3+"<br/>");
fib1=fib2;
fib2=fib3;
}
}
else
{
alert("invalid input");
}
</script>
</body>
</html>
```

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<u>Output:</u>

first 6 numbers in the fibonacci series are

0
1
1
2
3
5

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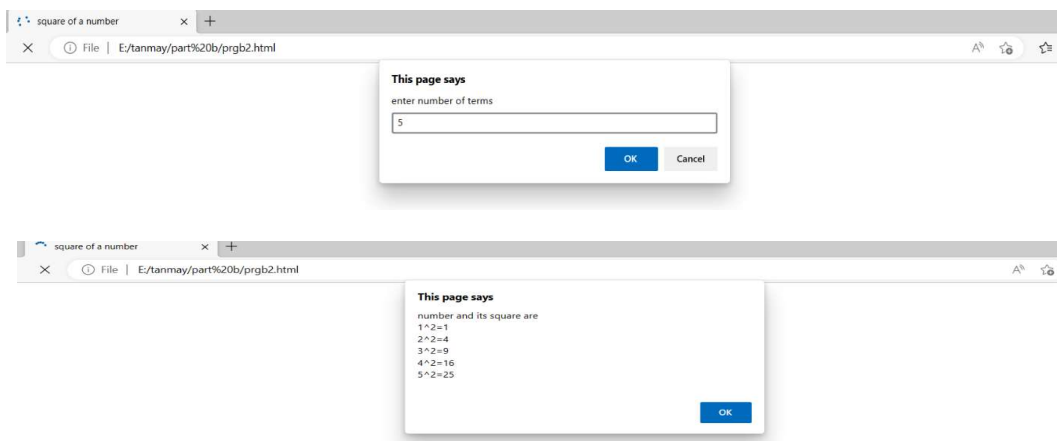**Program 2: To display the square of a given number using Javascript.**

```html
<html>
<head>
<title>square of a number</title>
</head>
<body>
<script type="text/javascript">
var num=prompt("enter number of terms");
var message;
if(num>0&&num!=null)
{
message="number and its square are \n";
for(i=1;i<=num;i++)
{
message=message+i+ "^2="+i*i+"\n";
}
alert(message);
}
Else{
alert("invalid input");
}
</script>
</body>
</html>
```
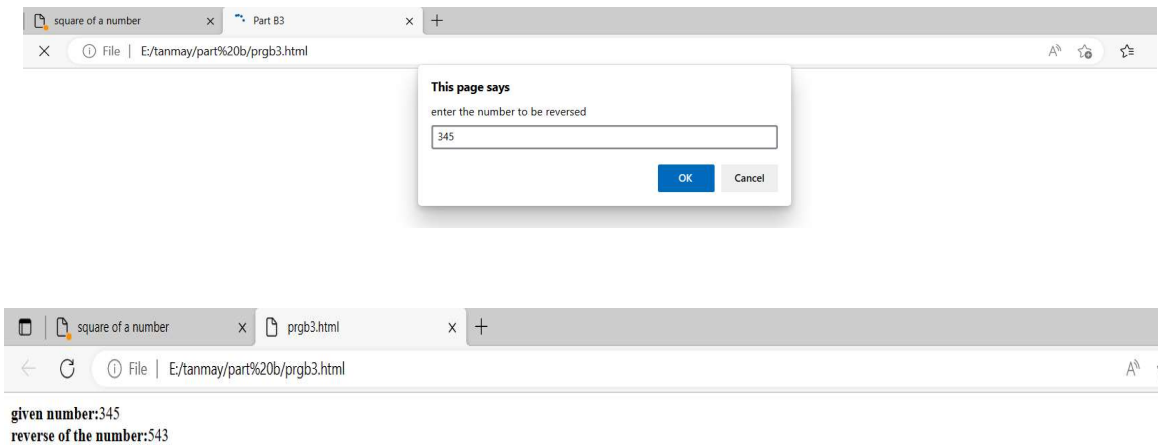
Output:

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Program 3: Write a program to reverse a number.

```html
<html>
<head>
<title>Part B3</title>
</head>
<body onload="function_reverse()">
<script>
function function_reverse()
{
var number=prompt("enter the number to be reversed");
var n=number;
var temp=0,r;
while(n>0)
{
r=n%10;
temp=temp*10+r;
n=Math.floor(n/10);
}
document.write("<b>given number:</b>" +number+"<br/>");
document.write("<b>reverse of the number:</b>" +temp+"");
}
</script>
</body>
</html>
```

Output:

given number:345
reverse of the number:543

Program 4: Create a calculator using CSS and java script.

```html
<html>
<head>
<title>Demo A Simple Calculator</title>
<style>
* {
font-family: monospace;
color: #555;
}
body {
background-color: #3fb399;
}
.container {
width: 320px;
background-color: white;
margin: 120px auto;
}
table {
width: 100%;
border-color: #f4f4f4;
}
td {
width: 25%;
}
button {
width: 100%;
height: 70px;
font-size: 24px;
background-color: white;
border: none;
}
#inputLabel {
height: 120px;
font-size: 40px;
vertical-align: bottom;
text-align: right;
padding-right: 16px;
background-color: #ececec;
}
</style>
</head>
<body>
```

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```
<div class="container">
<table border="1" cellspacing="0">
<tr>
<td colspan="4" id="inputLabel">0</td>
</tr>
<tr>
<td colspan="3"><button onclick="PushBtn(this);">AC</button></td>
<td><button onclick="PushBtn(this);">/</button></td>
</tr>
<tr>
<td><button onclick="PushBtn(this);">7</button></td>
<td><button onclick="PushBtn(this);">8</button></td>
<td><button onclick="PushBtn(this);">9</button></td>
<td><button onclick="PushBtn(this);">*</button></td>
</tr>
<tr>
<td><button onclick="PushBtn(this);">4</button></td>
<td><button onclick="PushBtn(this);">5</button></td>
<td><button onclick="PushBtn(this);">6</button></td>
<td><button onclick="PushBtn(this);">-</button></td>
</tr>
<tr>
<td><button onclick="PushBtn(this);">1</button></td>
<td><button onclick="PushBtn(this);">2</button></td>
<td><button onclick="PushBtn(this);">3</button></td>
<td><button onclick="PushBtn(this);">+</button></td>
</tr>
<tr>
<td colspan="2"><button onclick="PushBtn(this);">0</button></td>
<td><button onclick="PushBtn(this);">.</button></td>
<td><button onclick="PushBtn(this);">=</button></td>
</tr>
</table>
</div>
<script>
var inputLabel = document.getElementById('inputLabel');
function PushBtn(obj) {
var pushed = obj.innerHTML;
if (pushed == '=') {
inputLabel.innerHTML = eval(inputLabel.innerHTML);
} else if (pushed == 'AC') {
inputLabel.innerHTML = '0';
} else {
if (inputLabel.innerHTML == '0') {
```
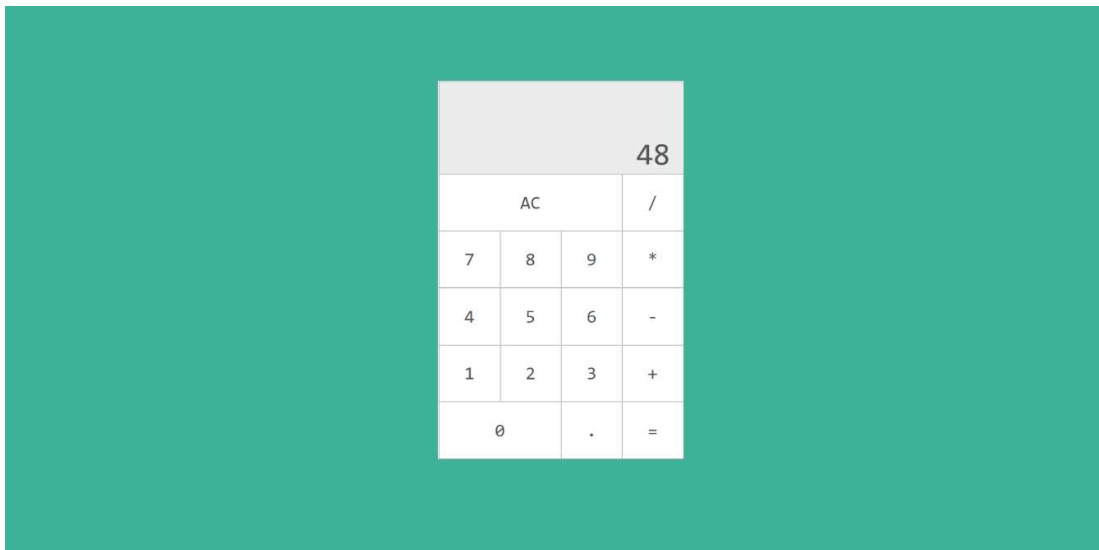
```
inputLabel.innerHTML = pushed;
} else {
inputLabel.innerHTML += pushed;
}}}
</script>
</body>
</html>
```

Output:

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Program 5: Write a java script program to locate the mouse pointer on the screen.

```
<html>
<head>
<title>mouse pointer</title>
<script type="text/javascript">
function displayPtr(event)
{
var dom=document.getElementById("message");
dom.style.left=(event.clientX-130)+'px';
dom.style.top=(event.clientY-25)+'px';
dom.style.visibility="visible";
}
function hidePtr()
{
document.getElementById("message").style.visibility="hidden";
}
</script>
</head>
<body onmousedown="displayPtr(event);"onmouseup="hidePtr();">
<p><span id="message"style="color:red;position:relative;font-size:25pt;font-weight:bold;">
you just clicked here</span>
</p>
</body>
</html>
```

Output:

you just clicked here

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Program 6: Write a java script program to animate a box.

```
<html>
<head>
<title>animate box</title>
<style>
#container{
width:400px;
height:400px;
position:relative;
background:yellow;
}
#animate{
width:50px;
height:50px;
position:absolute;
background:red;
}
</style>
</head>
<body>
<p><button onmousedown="mymove()">click</button>
</p>
<div id="container">
<div id="animate"></div>
</div>
<script type="text/javascript">
function mymove(){
var ele=document.getElementById("animate");
var pos=0;
var id=setInterval(frame,5);
function frame(){
if(pos==350){
clearInterval(id);
}
else{
pos++;
ele.style.top=pos+'px';
ele.style.left=pos+'px';
}
}
}
</script>
```
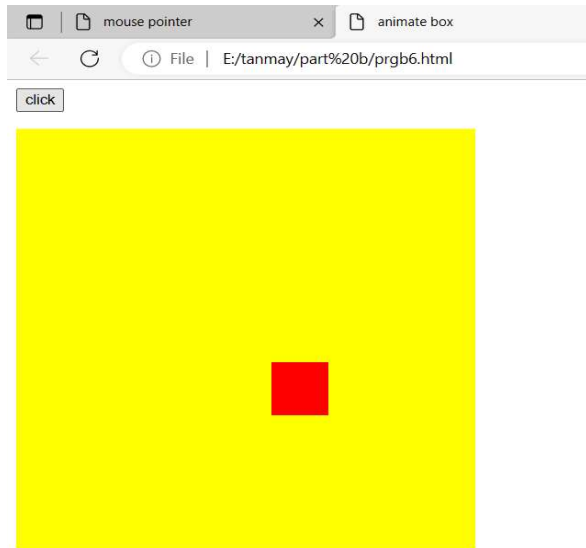
```
</body>
</html>
```

Output:

Program 7: Create a hotel menu and generate total bill using java script.

```
<html>
<head>
<title>hotel menu</title>
<script type="text/javascript">function computecost()
{
var salad=document.getElementById("salad").value;
var biriyani=document.getElementById("biriyani").value;
var paneer=document.getElementById("paneer").value;
document.getElementById("cost").value=totalCost=salad*55+biriyani*100+paneer*80;
}
</script>
<style>
*{
font-family:'TimesNewRoman',Arial;
color:#555;
}
body{
background-color:#3fb399;
}
h2{
color:red;
text-align:center;
}
.container{
width:320px; background-color:lightblue; margin:120px auto; padding:20px;
}
table{
text-align:center; border-color:#f4f4f4; background-color:white;
}
td{
width:25%;
}
</style>
</head>
<body>
<div class="container">
<form action="">
<h2>order form</h2>
<table border="1" cellspacing="0">
<tr>
<th>item</th>
<th>price</th>
<th>quantity</th>
</tr>
<tr>
<th>salad</th>
<td>55</td>
```

```
<td><input type="text" id="salad" size="2"/></td>
</tr>
<tr>
<th>veg biriyani</th>
<td>100</td>
<td><input type="text" id="biriyani" size="2"/></td>
</tr>
<tr>
<th>paneer</th>
<td>80</td>
<td><input type="text" id="paneer" size="2"></td>
</tr>
</table>
<p><input type="button" value="totalCost" onclick="computecost();"/>
<input type="text" id="cost" size="5" onfocus="this.blur();"/>
</p>
<p><input type="submit" value="order"/>
<input type="reset" value="clear"/>
</p>
</form>
</div>
</body>
</html>
```

Output: