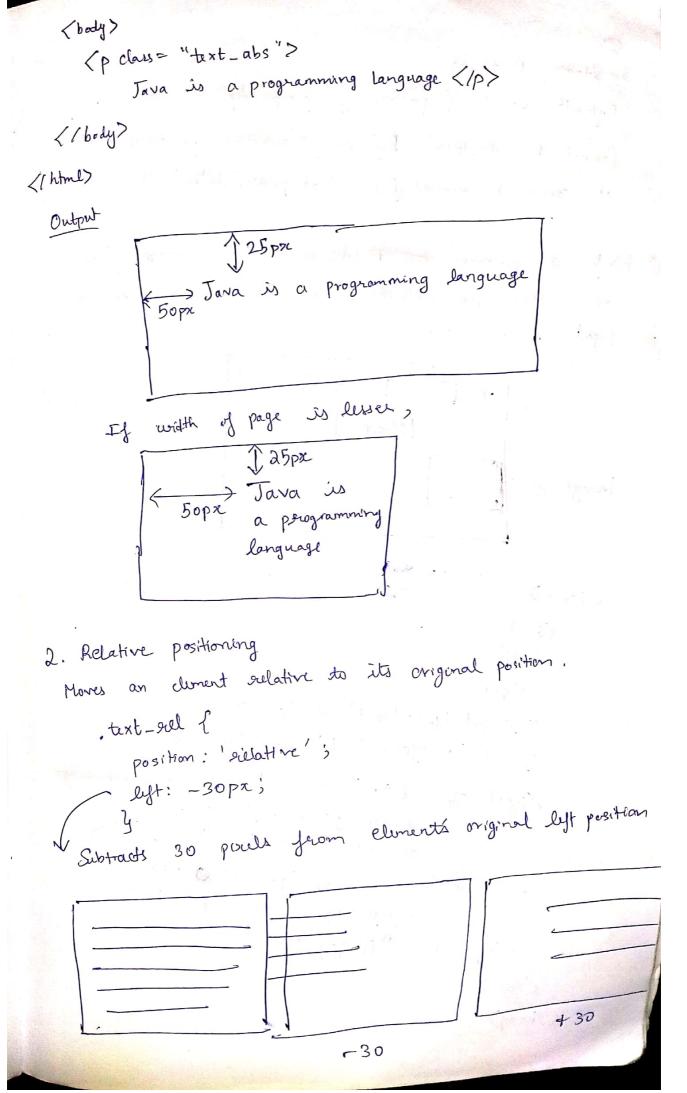
Write a program for sugisfration of new custom of online bounking system. automis data Dynamic documents with Javasorift Positioning Elements i) CSS - P (Cascading style sheet - positioning) - Supported by ii) It is used to position any element anywhere in the in) There are 3 possible values for the 'position' property a) absoluti b) sulative c) static \_\_\_ default 1. Absolute positioning It is used to place an element at a still specific place in the document display without negard to the position of other elements O. Write a program to display the text using absolute positioning (html) ( head ) (style type="text/us"> · right { . Jont - gamily. -text, abs { position: 'absolute'; top: 25 px; lft: 50pc; </style> (mad>

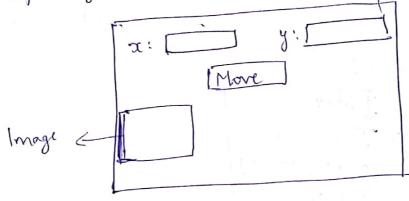


3. Static Positioning

Default value of positioning property

Cannot be displaced befrom its normal position and it cannot be moved from that position later

O. Write a program to more an image from one place to another. Take the position values as input from une



<html>

0

(body?

(form)

a: (input type = "text" id = "x" />

y: <input type: "text" id= "y" />

(input type= "button" onclick=" f 1 (divid", downwart, getElement By Id (x), value,
downert-getElement By Id (xy 4).)" (>

(div "id = "divid" style = "positions." static"

left: Opec, top: 25px /7

/ing drc = "Pic.jpg"/>

(/div)

(/body)

(head) Leourpt type = "text /javasourpt"> function of (devid, voll) ( (100,200) don = downent . get Elment By Id ("divid"). style; dom. top = vall + " px ; //100 pec dom. lyt = val2 + "px"; /1200 poc </script> (/head> Elements visibility visible y values Property: Visibility Q. Change the visibility of the image when botton is clicked (body> (form action="") (input ty 12e="button" sid="ayz" value="click" onlich="j1(), (dive id="divid" style='position: "static" left: 20pic top: 25pic> ((form> King soc = "Picijig"> </64v> (/body)

/ Lead >

/ Soviet type = "text / Javas out " >

function f() {

dom = document.getElementBy 1d ("devid") · style;

elf (dom . visi bility = "visible) |

dom . visiblety = "header";

else

dom - visiblety = "visible";

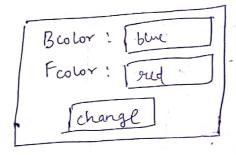
// Sovet>

// Lead >

// Lead

Changing Colors

Write a program to dynamically change the foreground and background colors on button click.



(ntml)

(body)

(form)

Boolor: (input type = "text" i'd = "bg"/>

Foolor: (input type = "text" i'd = "fg"/>

(input type - "buttono" value = "change" onclick = "change" onclick = "form)

(/body)

```
(head)
         (soupt type= "text/javasorupt">
          function fI() {
              Vous C1 = document getElement By Id ("bg") Dvalue;
              var c2 = downent get Element By Id ("fg"). value:
              document. body. style. background color = c1;
             downent. body. Style. color = CZ;
        LBoupt>
                                              of some taxt ausor is
     (Mead)
    white a pewgram to change font color & style, when mouse,
placed, and also
                 change back to original form when
     moure out event is triggered
                   Java prog language
  (htme>
     (body>
        (p onmouseut = "f1()" onmoureover = "f2()" id= "para)
              Java prog language 
     (body)
    (head)
     (sourpt)
          function fIC) {
               Vari p = document.getElementBy 1d ("para");
              p. style. color 0 = "Blue":
               p. style. fort = " 24 pt Arial";
          function f2() (
               Var P = downent getElwertBy Id ("pasca");
                P. style. color = " Red ";
                 P. style font = "30 pt Time New Roman";
```

Scanned by CamScanner

//soript > (head) (1html7 Dynamic contents O with a program to change the contents of collection of text fields Textbox Help: Get Help On mouse over display the rules for the input (head) ( soupt type = "text / jo vascript "> to function of (i) { Var ave = [" Enter your name", "Enter your Email id ", "Enter-your address", " Get help "J; downent. form. help-text. value = aver[i]; (/soupt) (/head? (body > < form name = "form" > Nane: (input type="text" onmouse over = "fi(o)" on mouse out = 4f1(3)4/7

Enail: {input type = "text" onnounce over = " g 1 (1)" (7)

PAddurs: {textana onnounce over = " g 1 (2)".

onnounce out = " g 1 (3)" /7

Help: {input type = "text" id = " help-text" / >

{logarm>

{body>

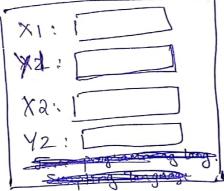
### Locating the mouse consor

Mongetick is an implementation of Monselevent Integral which defines two types of properties that provide geometric coordinates of the position in the display.

1) chant's and client's - speryy position relative to chan's upper left corner

2) screen X and Struck - specify position relative to Chart's computer soron.

a write a program to implement these properties when

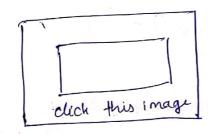


```
(body onclub = f1 (event) >
   (form id= gi">
 X1: Cinput type= "text" id= "secoord" value = "1"/>
 41: (input type = "text" id= " ycoord1 " value " "/>
 x2: {input type= "text" id=" grooorda". Value = " 1/>
 Y2: {input type= "text" id= " yword 2" value = " "/>
  (Iform)
  KOP > Java perog long (br/> @
        Sunyting larguage 
(16odg >
(head)
   (sourst type = "text) javasoupt )
      function fi (ext) {
        document. get Element By Id ("xwoord!"), value = exterior x
        doament-get Element By Id ("yeo ord 1"). value = ext. dienty;
        document get Elment By Id ( " 2000rol2"). value = (Vt. screen!
       document. get Element By Id ( " spoord 2"). value = evt. souny
   (1swipt)
 (mad)
```

## Reacting to moure click

## Events

- i) mouseup It is triggered withen the moure button is suleared
- ii) mousedown Triggoud when mouse butten in pressed.
- O. Writ a programa to change the image when mouse is classed and when mouse is released.



Chora >

< html>

(body) (img , src = "Pic 1. jpg" mouseup = "f2()" mousedown = "fil

A PERCENT

<a href="https://www.chib</a> this image 

 <a href="https://www.chib</a>)

(160dy >

(head)

(soupt)

function fl() { document, get Elment By Id ("image"). &rc = "Pica.) Pg";

function fr () {

document. get Element By Id ("image"). serc = "Pic 1. Jpg";

<1 societ> (head) (Introl7

```
Q. Move the given that slowly from (100,100) to
   (300,300).
               Java is a language (100,100)
                          (300,300)
                                     > 20 milliseconds
      Window object
             set Timeout (movel), 20)
(body @ onload = "fill)">
    The state of the solute
    (div id="text" style="position: absolute; top: 100 pr;
               lyr: 100pa;">
          Java is a language 
    (/oliv>
(1body>
(head)
    (soupt type = "text/jonasoupt")
                 Arounest get Elever By In ( The
        var dom, 2, y, final = 300, finaly = 300)
         junction fi() {
             dom= document, getElement By Id ("text");
             x = dom. style. left;
              y = dom. style. top;
              I = parse Int (2);
              y = powernt (y);
```

move (x,y); function more (x, y) { if white (x <- finale & y <= finaly) { ● エイナラ 4++; dom. style . left = x; dom. style stop = y; set Invoice (more (. set Remout ("move ("+x"+","+"y+"),20) 

( (Thead)

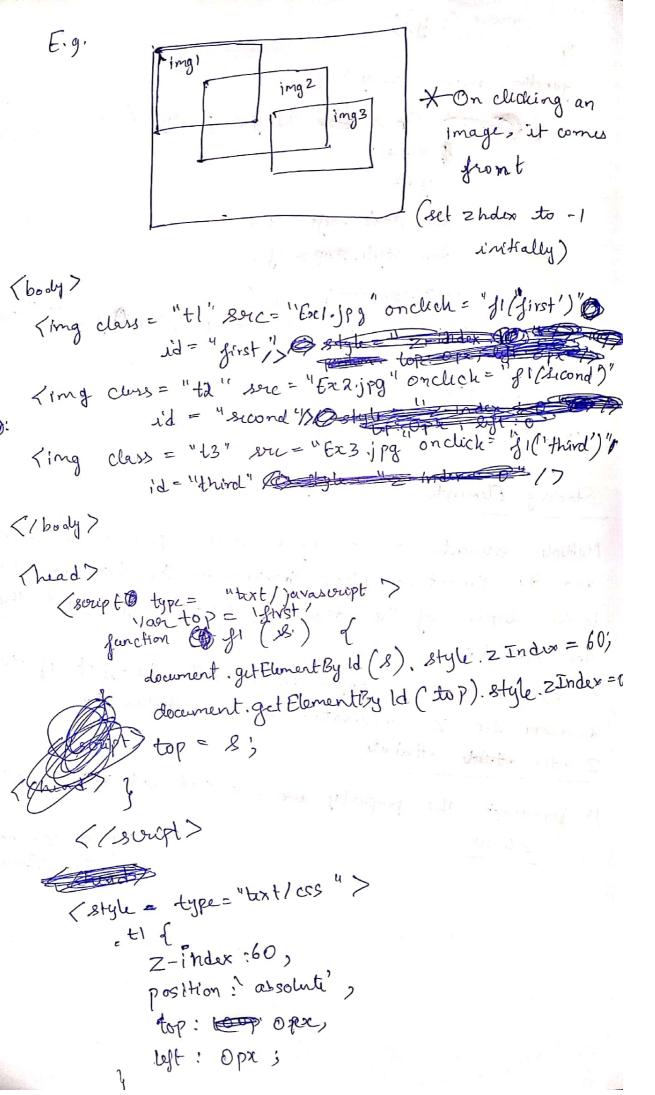
#### Stacking Elements

Multiple elements can occupy the same space in the document and the element can placed anywhere in the two dimensions in the display of the document using left and the top properties.

One element can be displayed on top with the effect of third dimension i.e. Z coordinate. It is controlled by Z-inclux all the attribute

In javawapt, the property are associated with Z-index is zIndex

CSSIZ-Inolix JS'. Z Index



```
.t2 {
        Z-Index: 0)
        position: labsolute',
        top: 50 pr.
        egt: 110 poc;
     ·+3 {
        2-index:0;
        position: 'absolute',
        top: 100 pz:9
        left: 220 pt;
(1style)
(mad)
```

```
PHR
```

- Hypertixt Proprocessor (earlier called personal tromepoge)

E.g.

(body)

(? php

\$i=10; > variable declaration

echo \$i; -> can also use print \$i;

echo "\h3">" welcome "\( /h3")";

echo "\h3">" welcome "\( /h3")";

Dataty pes

Integer type - long type

Double

6 Can especify with exponent - E or e

Boolean

True & False

String

Can be written in single or double quotes

E.g. 'hai', "hou'"

Paredefined Junctions gloor (4.9); 1/4 115 ceil (4.9); min (6, 7); 7 number of orgunents max(6,7); abs (-6.8); String Operations 1) strlen 2) stramp 3) substr \$ str = "abc def ghi"; \$ sub = substr (\$ str, 5, 1); output: e 4) str to lower ("PHP"); 5) strtogipper ("php"); 6) trim () -> sumore white spaces from lyt & right of Scalar type convisions Explicit i) & \$1=4.65; iii) settype (\$i, "Integer"); \$P= (Int)\$1; //4 ii) . int val (\$i); doubleval(\$i) strval(\$i)

```
print function (Similar to C-larguage)
        printf(100);
     Control statement
       - if
       - switch - case
       - Looping - for, while, do-while
 O. Write a program to print numbers from at to bo
      using a provide loop
     (3 bpb)
        $ i= 1;
        while ($i <= 100) {
          echo ""$i ""
     677
     Arrays
       Arrays in PHP are stored as key walne pairs
       Creation:
         $avel = array (10,20,30,40,50),
         Sava 2 = [2] = 45;
        $ avr2= avray (1=> "50",2=> "60" 3=> "80");
get keys = $a1 = array - keys ($avord); 1 2 3
get values $a2 = avoiay_values ($arril); / 50 60 80
           print_or ($a1); -> (print a ruadable).
           unset(farr[1]); -> remove the element
           I len = sized (farr);
```

# Conversion between strings & arrays

\$21 = "Soripting long JS"

i) explode () -> explodus or given string into substrings & seturns an away.

\$ words = explode (" ",\$ s1);

in) implode () -> combines individual array elements into a string gwards = "arrays ("aa", "bb", "cc");

\$\frac{1}{2}\text{str} = implode ("", \frac{1}{2}\text{words});

Output: aa bb 'CC

### Sequential access to array elements

Every array has an internal points that references one element of the array i.c. the current that references one element of the array i.c. the current points to get current points a get current points a write a program to print the current element in an array first, and then the subsequent elements.

\$ aveil = array (10, 20,30);

\$ al = array (10, 20,30);

Bal = array (

# Sorting avorages

Sort - based on values (in ascending) & schanges even keys asort - sorts based on values, but array keys remain son

Krovit - based on keys (values are suordisced)

#### Output

sort: []

asort: 
$$(A) \Rightarrow KK$$
 $(B) \Rightarrow MM$ 
 $(D) \Rightarrow SS$ 

$$[A] \Rightarrow SS$$

$$[B] \Rightarrow MM$$

$$[D] \Rightarrow KK$$

Functions in PAP Definition = junction fl() { ruturn \$a1

grint f((); Static variables in PMP Smilar to C; vaciable is initialized only once. static \$ count = 0; & count ++ Pattern matching (Similar to Javas veipt) if (preg-match ("/gram/", "Like prog lang")) else print "not match"; Agram - starts with

"gram"

lang & - ends with lang Output not match

```
Stext = "aa; bb; cc";
E.g.
      $val = pereg-split ("/i/", $text);
      while ($ val2 = each ($ val1)) {
           $ NI = $ val2[" value"];
           print $vi;
             bb
             CC
Cookers
 It is used to identify the and a user.
It is a small file that the the the sover uploads
 on the user's computer.
Cookies is created using set cookie () Junction
F.g.
  <? Php
   & cookie_name = "user";
  $ cookie_value = "XX"?
   set cookie (Jasokie name, Scoolic value, timel) + (86400x20)
                                    expiration time
                                   86400 -> no. of seconds
                                          in a day
                                     30 -> for a month
```

```
(html >
                      returns true if cookie is set
    (booky >
     (3.php
      if (isset (Scookie-[$cookie-name])) {
          echo "set";
          echo :$ cookie_name;
          l echo. "not set".
  17
  (16.04)
 (/html)
PHP Session
A session is a way to store theinformation in variables
that will be used across multiple pager.
                              -> Put before < html?
E.q.
( ? php
    sersion_start();
 3>
(html)
  (body>
<? php</pre>
      $ - SESSION["fav color"] = "Blue";
   $_SESSION["favitim"] = "XX";
      Echo ." set session var";
    ?>
 </body>
 Matme)
```

```
Show all the ression variable values
  ( shub
      session - start();
                      - word as fil action 2 1 time !
  (html?
     (body >
       <? php
           point - or ($- SESSION);
     (/body)
  (/html)
Remove all the session variables
          session-unset()
 Destroying the Session
       session - olistroy ()
Files
  <? php
       $ g1 = Jopen ("Ext.txt", "9") or die("Unable to
         If ile cannot be opened die () is executed
       echo fread ($f1, fizisize ("Ex1.txt"));
                             max no. of bytes
      Jchse ($f1);
                             to read
```

```
OFile modes (use indicators)
91
92+
 W
 Ch
 at
Jgets: ()
   To read a single sine
   etho fgets ($f1); -
   ceho fgets ($ f1, 100) -> 100- number of bytes
                                to read
Jeof ()
 while (! feof ($f!)) {
 echo ggets ($d1);
fgetc
 To read one character
Cho fgets (4 &1)
```

PHP form handling \$-GET ] Global variables in PMP \$-POST ] Sends data as part of URL (html) / form action = "Ex.php" method = "get" > · (body) Name: Kinput type = "text">>> Email: Kinput type = "text" /7 (input type = "Submit") (1form) (/body> (/html) Ex. php (html) (body) 12 php ceno &=GET["name"]; echo \$=GET["enoûl"] ? > (160 dy) (chtml)

```
Q Write a program to compute the sum and errorge of
    numbers from 14010
a write a php soupt to display squares & enter of
   numbers from 1 to 10.
Q. Write a phip program to istore page views count
   In sustion, inversent court on the each reprosh and
  show the court on webpage.
   <? php
     session - start ();
     if (isset ($ _SESCION ['views']))
         $_SESSION['Views'] = $_SESSION['Views']+1;
     elu
        $ _SESSION[views]] = 1;
    3>
    (html)
     < body >
        < ? php
            echo "views: ". &-SESSION ['Views'];
```