WER TRUNCION LABORATORY WETH MENT PROTECT

1 Program 1

```
Javascript: Simple Calculator.
RIDOCTYPE HAMA>
(Htmb)
(head)
(title) Lab Calculator program (16the)
 Lefyle>
     . Little &
       position : relative;
            to1: 2.5px;
    border-radius: 10 px;
   margin - bottom : sopx;
      text-align ; center;
         width : 400px;
        color : # HUMHE ;
         border : dashed green 2px;
    input [type = "text"] {
         border-radius: 10px;
          dext-align: right;
          border-color: black;
          background-color ; white;
          width - 95 t.
      input [type = "bulton"] {
           border-radius ; wpv;
           bushyreund-color : dooksoogreen.
            color: black;
            boider-whi durkningmen;
             width: wo 4:
     21941e)
```

```
(script)
      function disp(val) &
         document , getElement By Ed ('sdm'). value += val;
       1
      function dr () &
          document get Element By Id ('sdm'). value = ""
       1
       function colve () f
           let x = document; getElement Byld ('som'), value;
           Let y = eval (x);
           document. get Element By Ed ('sdm'), value = 4;
        3
       21script )
    L I head)
<br/>
Lbody?
 (div class="title"> spm </div>
 Ltable border = "1">
  <4d>
  <input type="button" value="c" onclick = " dru"/>
  <149>
   <input type = "text" id = "sdm" 1>
   <1f9>
   (1tr>
   (tr>
   < F9>
    (input type = "button" value = "+" ordick = "disp ('+')"/>
   (141)
   (td>
   Input type = "button" value = "1" onclick = "disp("1")"/>
   2/td>
   (td>
   Cinput type = "button" value = "2" ondick = "disp(12")" />
  (149>
   (11)
    comput type = "button" value = "3" oneliek = "disp ('3')" 1>
  ZIEZ
  LIEYZ
```

```
(tr>
 (td>
   <input type = "button" value = " - " onclack = "disp ('-') "/>
 </dd>
 (61)

Kinput type = "button" value = "4" onclick = "disp ('4')"/>

 (Itd>
  <input type = "button" value = "5" pndick = "disp('5')"/>
  (1td)
  (td)
    <'nput type = "button" value = "6" onclick = "disp('6')" 1>
  < (td>
  (ftr>
 (tr>
  <input type="button" value="x" ondick = "disp('*1)"/>
  ((日)
  (Ed>
     compact type > "button" value " 7" ondick = "disp(171)" 1>
  (1-6)
 16d>
   conput type = "button" value = "8" oncluck = "disp ('8')" 1>
 (1日)
 (td)
    (input type = "button" value = "q" onclick= "disp ('q')" />
 LIEDY.
 Clerx
 Ltr>
 (4)
   Cinput type = "button" value = "1" ondick = "disp ("1") "/>
 Ltd>
   Emput type = "button" value = ", " onelick : "disp ( ". !) "/ >
 (16d)
   Linput type: "button" value = "0" onclick: "disp ('0')" />
 4.60%
 4/14/>
```

3

(A)

<F9>

timpet type = "batton" value = " = " onclick = "solve()" 1 >

LIH)

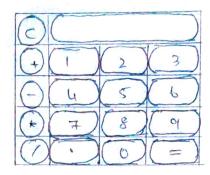
LIETY

(Icenter)

21 Body>

Whtml?

OUTPUT!



Test Cases

Test No	Input Parameter.	Expected Output	Obtained Output	Remarks
ુવ	Value 1 = 50.56 Value 2 = 24.39	subtract = 26.17	Addition: 74,95 Bubtract: 26,17 Multiply = 1233.1584 Divide: 2.0729607298	Pay
2.	Value 1 20 Value 2 2 45	Addition > 45 Subtract = -45 Multiply > 0 Divide > 0	Addition: UC Subtract - us Fluttiply: 0 Divide 20	Paul
3.	value 1 rabs	Enter a valid humbe	r Giter a valid number	Palj

1 Program 2

Write a javaccript that calculates the square and cube of the number from 0 to 10 and outputs the himl texts and displays the resulting value in them. table format

Zhtml?
Zhead >

(script)

document write ('the align = "right" > square and cubbes of the.

numbers from o to to </ri>

document-write (" < center > Ltable width = "304" border = "1" bgcolor = "white ">");
document. write (" > Number < 1th> > Grave < 1th> > (ube < 1th > < 1th);

for (var n=0; n<=10; n++)

.

document, write (""+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"<16)<td>"+n+"

n*n*n + 4 2/td>2/tt>");

downer to write (" altable >");

Clscript ?

(/head)

(Introl)

DUTPUT.

Number	Equare	Cube.
0	0	0
ĺ	1	J
2	4	8
3	q	27
4	16	64
5	25	125
6	36	216
- प	49	343
8	64	512
9	81	729
10	100	(000

```
3. Write
           a Javascript code that displays text "TEXT-Expositive" with increasing
            slee in the interval of wome in RED COLOR., when the font size reaches
    font
     sopt it displays "TEXT-SHRINKING" in BLUE COLOR. Then the font size decreases to Spt.
     programs. htm 1
      [[DOCTYPE Html>
      (html>
      < Kpogy >
      The ig = amby > LEXI- GROWTING (16)
      d = umyp2 > text chrinking  
      receibt >
        4 Global declarations
        Var size = 10;
              1=01
              myWeil = set Interval (GrowText1, 100);
        function growtext1()
           if (size (51) {
              6121 2 Slze+1 ;
              downent, get Element By Id ("mypy"), Style. fontsize = (size + 'pt');
              document, get Element Byid ("myp1"). style. color = "red";
              Whide the pouggraph "Text shrenkeng"
              document, get Element By Id ("myp2"), style, visibility = "hidden";
           felse (
               clear Interval (my Wait 1)1
               my Wait1 = set Interval (ShrinkText1, 100);
                             the first paragraph and dupley the second paragraph
               U Now hide
               document get Element Byld ("myps"). style, visibility & "midden";
              document. getElement By 2d ("my P1"), style, fontsize - "IPL";
              document. get Element Ry Id ("my P2"). style ivisibility = "visible";
            f
           7
```

TEXT-GROWING

TEXT SHRINKING

```
1 Develop and demonstrate a HTML 5 file that includes Javascript that we
   functions for the following problems
               9) Parameter: A string.
               b) Output: the position in the string of the leget-most vowel
               c) Pronameter: A number.
                d) Output: The number with its digits in the revense order.
   programy, nom!
      LI DOCTYPE HTML>
      Lhtm1>
          < body>
               Lscript type = " text biavascript">
               var str = prompt ("Enter the input", "")
                if ((()(NaN (str)))
                (
                    Var num + ver=0, remainder,
                    hum = parsisht (str);
                     while (num 1=0) f
                            remainder num do 10;
                            nom . parseInt (nom/10);
                           rev = rertlo + remainder;
                       7
                       alert ("Reverse of" + str + " 15" + Ter );
                    3
                   else
                         str = otr. to Upper case ();
                          for (var 100; i < strolength; 1++) }
                                     chr : etr. charAt (1);
                               if (chr = 01A' (chr = 01E' ll chr = 2'll chr = 2'0' ll chr = 0')
```

break;

```
if ( ex str. length)
               alert ("The position of the left most vowel 15" + (1+12);
         else
              ater+ ("No vowel found in the entered string");
          <lscript>
      dody>
    1 html?
output
  0
        Pakeapteeen
               Enter the
                        input:
            123456
                         concet
        programh. Himt says:
           Reverse of 123456 is 654321
 Enter the input!
         Channasandra.
                           Cancel
         programu bitml caye:
          The position of the Leftmortvousal
```

9

Test carea

Test No	Input Parameters	Expected Output	obtained output	Pemarks
Đ	123	Reverse of 123 is 32)	Reverse of 123 is 321	2269
1	CHANNAZANDEA	The position of the. left most vowal is 3	The position of the left most vowal is 3	pagg
2	sky	No vowal found in the entered string	No vowal found in the entered string	PACÇ
3	MNKLO	The position of the left most vowal is a	the position of the left most vocal is s	22 A 9

5. Design an XML document to store information about a student in an engineering eollege affiliated to VIU. The information must include use, Name and Name of the college and Branch, Year of pointing and emoit id. Make up sample date for 3 students create a ccc style sheet and we it to display the document.

```
program 5. html
```

Laxur-chylosheet type = "textless" href="5.000"?>

TI DOCLA LE HIMT'S

Lhtmlz

Lhead>

LHI SHUGHTS DESCRIPTEON WHIX

Lihead>

Lstudenk?

Lstudent>

KUSNY USN : 4SUITCEOOI KIUSNY

Lnames NAME : GANTOSH LINAMES

Lcollege > COLLEGE: SDHZI </college>

Chranch > BRANCH : Computer science and Engineering (Ibranch)

Lyear > YEAR : 2017 </4ear)

(e-mail) E-Mail : santach @gmail.com [le-mail)

Alchudent?

Lstuden +>

KUSM> USM: HSUITCSOOZ KIUCN>

KNOWEY MAME: MOMORANIAN (Iname)

Lowlege> college: LDMPL 1/college>

Lbranch > BRANCH: Computer Science and Engineering / (branch)

Lyear> YEAR: 2017 (14ear)

Le-mail > E-Mail: manoranjan@gmail.com ck-mall>

11 student?

Lstudent>

KUSUIZES DOSKIUSNY

Knames NAME: CHEFHAN LINAMES

Lcollege> college: some < 1 college>

```
Lbranch> BRANCH: Computer science and Engineering Libranchs
                  LYEAR > 2017 LIYEAR >
                  Lemail > E-Mail: chethan @gmail.com </e-mail>
           2/student>
      1 students
    Uhtml>
programs, cis
     student {
          display: black; margin-top: Lopo; color: Navy;
       1
      p viso
          display: block; margin_left; Lopx; font-size: Lupt; color: Red;
        þ
      name {
           display: block; margin-left: 20px; font-size: (upt; color: Blue;
         ξ
       coppede &
           duplay: block; margin-left: 20po; funt-size; 12pt; eator: Maroon;
         }
         branch {
            display: block; margin-left: 20 px; font-size: 12pt; color: Purple;
          J
          year {
            diplay: block; margin-left: 20px; font-size: 14pt; color: Green;
           3
           email f.
              display: block; margin-left; 20px; dont size: 12pt; color: blue;
            ł
```

STUDENT DESCRIPTION

10022FIDZH: NZU

NAME: SANTOSH

COLLEGE: SDMIT

BRANCH: Computer Science & Engineering

YEAR: 2017

E- Mail: santoch@gmail.com

USN: HSU17CSOD2

NAME: MANORANJAN

COLLEGE: SDMILT

BRANCH: Computer Science and Engineering.

YEAR 2017

E-Mail: manpranjan@gmail.com

UCN: 45U17C5003

NAME: CHETHAN

COLLEGE: SDM2T

BRANCH: Computer Science and Engineering

YEAR: 2017

E-Mail: chethan @gmail.com

```
6. Write a PHP program to keep track of number of visitors visiting the web page
   and to display this count of vicitors, with proper headings
    programs php
     < ?php
```

```
print "Lh3> REFRESH PAGE (1h3>";
I name = " counter, txt";
1 file = topen (4name, " "");
thits , fscon ( Afile, "t.d");
fclose (Ifile);
thik CoJe+;
Ifile 2 fopen (Iname, "w");
 Aprint (Aprile, "tid", shite (0));
 filor (Apile);
 print "Total number of views , " , shik co] ,
```

2>

omport:

REFRESH PAGE

Total number of views: 10

```
(1)
```

```
Write a program to display a digital clock which displays the.
 current types time of the server,
program7. php
 CIDOCLADE ALTUTS
  Lhtml>
    L head >
        Lmeta
                nttp-equip = "refresh" content = "1"/>
        Lstyle>
            PS
               color: white;
              font-size: qopx;
               porition, absolute;
               top: 501.
               left, 50-1.
               transform: translate (-50+, -50+);
            4
          body & background-color: black; }
       LIstyle>
        ?php echo dale("h:i:s A"))?>
      Llhead >
```

Output

10:44:08 AM

```
to. Write a PHP program to sort the student rewords which ever stored in the,
    database using selection sort.
      Goto Mycgl and then type
      create database weblob;
       Use weblab;
                    student (usn vareharcio), name varehar (20), address varehar(20));
       creak table
     programw, php
       LIDOCTYPE html>
       Lhtml>
           L body>
               Lstyle?
                   table, td, th {
                        border: Ipa solid black;
                        wid th: 33-1.;
                         text-aligh: center;
                         border-collapses collapse;
                         background-color : tightblue;
                       3
                      table { margin: auto; }
                LIStyle)
               (?php
                    sservername = " Localhost";
                    *username = "root";
                    space ward 2 " root";
                     adbrame : " weblab";
                     da 2 (];
                   lurealt connection
                      a open a. new connection to the Nysac server.
```

sonn. mysqu - connect Caservername, susername, sparword, adbname);

```
(17)
```

```
Ucheck connection and return and error description from the
tail connection error, if any
 if (dwnn → connect-error)
         die (" Connection failed; " d conn -> connect_error);
 Isql = "SELECT + FROM student";
 4 performs a query against the database.
  I result = d conn -> query (d sql);
  echo "Kbr>";
  echo " Zcenter > BEFORE SORTENO LICENTEr >";
  cono " ¿table border > 12' >";
   echo " (tr>";
        "Lth> USIN 21th> (th> NAME 21th> Lth> Addrew 21th> 21tr>";
    14 (tresult -> num_rows >0)
    Ş
        u Output dato of each new and fetcher er result row en an
        U auscrative array
        while ( grow = gresult > fetch_curoc()) {
             echo ultr>";
              echo uztd>". grow["vsn"]."z/td>";
              echo " (td>", grow ("name"), "/(td>";
              echo "Ltd>", grow["addr"],"(ltd>"/td>";
             array-pub (da, dron ["usn"]);
          }
     J
    else
              "Table ic Emply";
         echo
                " LItable >";
         echo
         In = count (Ia)
         1 b = 4a;
         for (di=0; 41 < (4n-1); 41+ +)
                ips zdi,
```

```
(18)
```

```
for (d) = d] +1; dicto ; bj++) {
            if (da Capor) > &a Caj))
                   aposedi;
        1
     i + C4 pac ( = 1i) 1
           dtemp = 4a [di];
           ([roqua o lina o lina o
           1 a [4pos] = 4 temp;
       Ì
 ١
$1 2[];
412[];
$recult = $conn > query ($191);
if (dresult > nom-rows >0) boulput data of each row
4
    while ( 4 row = $ result -> fetch_associ) &
           for (di=0; di< do; si++) {
                 # (drow [" usn"] == da [li] [
                       &cail= drow ["name"];
                      Id [4i] = Arow ("addr"];
             þ
       ż
  j
  echo " Lbr> 4
  euho " Leenter> "AFTER SORTING LICENTER>";
  echo " Ltable border = "2" >";
   echo · (tr>+;
  euno · Leh>UcN /th>NAME (1th> Leh> Addreu (/th> (1tr>))
```

```
for (41 = 0; 41 24n; 41++) {

etho "Ltd>", 4 o [41], "Lltd>";

etho "Ltd>", 4 o [41], "Lltd>";

etho "Ltd>", 4 d [41]", "Lltd>";

tho "Lltable)";

4 conn > close();

2)

Ll body>

Ll body>
```

Output

BEFORE SORTING

420	NAME	Addrew
48017 C5019.	Niramini	Bengaluru
80057 + 1050	Darshan	Mysoru
USU17C5004.	Anusha.	Ujire
4501765042	Vandana.	Relthangady

AFTER SORTING

LEGOTACROOK NATUCIN	NAME	Addreu
4001761004	Anusha.	Ulice
80017C1U2U	Darshan	Mysory.
4501761054	Niranjeni	Bengaluru
4501705042	vandana	Belthangady