1. Invite a Javascript to design a simple calculator to perform the following operations sum, smodul, difference and quotient 200ETYPE H+m1> 1html7 Zhead > < title > web lab & serm / Ztitle > 25tyle> body ? test-alyin: center: . Little F boorder-nadius: 45.Px; margin-bottom = 30Px, text align: center: Rubding: 14px 13px; Width : 1000pa buckground-tologi: ned: bosides: Solid black apri; injut [type="text"] { boarden-radius: 10pl teit-align: oright! bounground - Colors: white; width: 94: injut Etype = "button"] & border radius: 20px: buckyromb - Color: green; Colon: white boarder-tolos: white. width : auto;

·tit & barder reeding: 45 BC margin-bottom! 300x text align center Widly: 150,0x3 Colass: ned; background: solid black 3px 4style> LStript> function displicals document get Element Byld CSDM'). value + = val; function closes & document. get Element Byld ("SDM"), value = " "; function solve() { let x=doament.getElementId [50m]. Value let y= eval(x): document. get Element By Id ("SDM"). Value = y </5W/get > 2/heced> Lbody > 2div Class "title"> 5DM Javashipt Laboragram 2/div <center> <+y> > <input type "button" value = "CE" onclick = "cloil"> 4/1d> Linguit type = "feat" Id = "SDM"> Short : 2/42 440 2100 Zingut type="button" Value = 4" onclick = "dispated")"> 4/10> (A)

400 Lingual type = "button" value" 2" onlice "disp(1)"> 2/100 1td> zinput type= "button" value = "2" onelick = "disp('2")"> Adr 2+00 Zingut type="button" value="3" onlick="disp(3")"> 4/10/2 2/410 240 240> Zinguttype="button" Value = "-" onlick="disp [ -)"> 2/400 2400 Zinguttype="button" Value="4" onclick = "disp("4")"> 440 4do Linguitype= "button" Value= "5" onclick = "disp('5')"> 4/11/2 2+d> Zinguttype= "button" Value "6" onlick="disp("6")"> 4Hd> 4/4> 140 2+d> Linguttype="button" value="x" onclick="disp[x]">. 2/+d> <4d> Zinguttype= "button" value "7" onlick = "disp(7)"> 2/100 > <inputtype="button" Nalue="8" onclick = "disp ('8')"> 2/td> <+d>> Zinguttype=(button) Value = "9" onelich = "disp(19)"> 2/4/2> 2/40 <410 Zinputtype: "button" value = "1" onclick = disp (1)"> 4/4d>

Zingrut type="button" Value="." onclick="disp(".")">

Litals

Litals

Litals

Lingrut type="button" Value="0" onclick="disp("0")">

Litals

Lingrut type="button" Value="0" onclick="disp("0")">

Litals

Lingrut type= "button" value="=" onclick="Solve0">

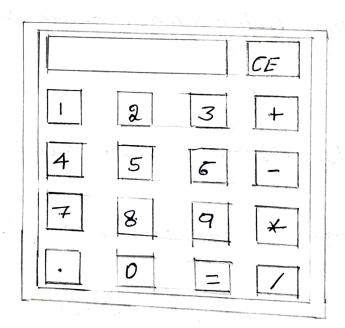
Litals

Lingrut type= "button" value="=" onclick="Solve0">

Litals

Lita

### Dutrut:



a would a Tavascipt that calculates the square and abe of the number from 0 to 10 and output Items text that displays the resulting values in an HTML texter format.

<! DOCTYPE haml>

< html>

2 heads

< Suint>

document. Write ( > hI align="right"> Square and cubes of numbers from 0 to 10 4/h1>);

document. Write Cotenters Steele width="30%" barder="1" bytolos = "white">"):

document. Write C'2+12/41> Number 2/44>24h > Square 2/40>
Cube/41>21):

for Cur on=0; n2:10; n++)

document. write ("2+1>2+d>"+n+"2/+d>2+d>"+n\*n+"2/+d>2+d>"+n\*n+" +"2/+d>2/+d>"):

document. Write ["2/table >"Di

4/50ipt>

4/heads

2/Wml>

# Output:

Montes From	0 to 10 with	n their square decibe
	Square	
0	0	delas - praesiteis - Queen alaitementatura
		the second secon
ર	4	8
3	9	27
4	16	64
5	25	125
6	36	ଥା6
7	49	343
8	<i>6</i> 4	512
9	81	729
w	100	tooo

Squar 621

```
worke a JavaSuipt code that displays text "TEXT-GROWING"
3.
   with increasing font size in the interval of looms in
   RED TOLOR, when the font size necules 50st it displays
   "TEXT-SHRINKING" In Blue Color. Then the form size
    decreases to 50.PH
   <! DOCTYPE html>
   Zhtml>
   zhead>
   <title > Is text _magram 4title >
  2/head>
   <body>

Zdiv style = "margin-top: 200px;" allign = "center" >

   <!p>
   </div>
   <501/12+>
     Var text = document-query Scienter ("IP")
      Var font = 5:
       Var flag=0:
      function inclof
          Pont ++
          Leat. Style. Pontsize 2 Pont + "IA";
         test. Style Color = "ned"
         Lest . LestContent: "TEXT-GROWING: "+ Pont + "Pt",
         if (for) = = 50) }
            flay-1;
     function dec () {
        font --:
      beal. Style Portsize = Port + "54".
      text. Style. Tolor = "blue";
```

**(1)** 

Lest. text Content. "Test-shrinking: "+ Pont+ "Pt" 18 Cford = = 5) { Play-0; And the second of the second of the second Van time SetInterval (function () { 1P (Play ==1) { dec (): if (flag==0) & inc(); 3,1000 </50ipt> reader ( For yell const. - 7/h) Output: TEXT-GROWING TEXT-SHRINKING

l Gyrigi

in the second second

(R)

```
4. Develop and Domonstrate a HTML5 fle that includes
   Javascripto that was functions for the following smollers:
  allanameter: It string
  Dougset. The position in the string of the left-most vowel
  3 Parameter: A Number
  Dutnut: The number with its digits in the reverse ander
  K! DOCTYPE html>
  < html>
   2body=
       (Script type = "text/bavascript">
        Var 5tr = prompot ("Enter the Ingrat" 11 1);
        ((CC+2) I) fi
        5
           Var num, rev=0, oremainder
            num = parse Int (stil)
            While (num! = a) {
                  oremainder = num 1.10
                  num= jourseInt (num/10):
                   our = onev + 10 + ormainder =
              4
             alent ("Reverse of "+ str+" is "+ men);
      Clse
          SH = SH. LOVPPENTASE(2)
           for (Var i=0; izstr. length; itt)?
                 Var Chr-Str. ChanA+[1);
                 if Cohr == 'A' || chr == 'E' || chr = I' || chr == 'O' ||
                     thr == 'v') break;
```

if (IZStr. length)

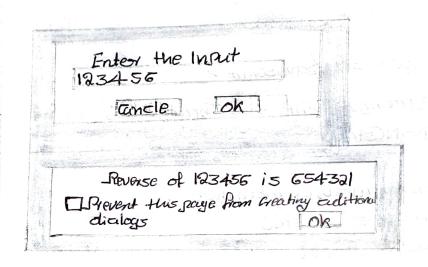
alkart ("The position of the left most vowel is "+ Cition"

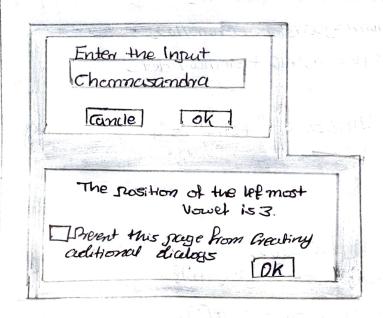
else

alest ("No vower found in the entered string").

y 2/5Wist> 4/body> 4/html=

# Output!





5. Design an XML document to store information about a Student in a engineering tollege affliated to viv. The information must include usin, name, and name of the College, Branch, Year of yoining and omail-Id. Make yo sample duta for 3 students Genre style shell 4 use It to display the document Programsxml < ?xml-Stylesheet type="text/css" mpf="5.css"?> 1 DOCTYPE HAMIS < html> zhtead> ZHIDSTUDENT DESCRIPTION 2/HID 1/head> <5trudents> <student> : 45017C50012/USN> <V5N > USN : SANTHOSHZ/name> Zname>NAME <College>COLLEGE: SDMITZ/college> < branch > BRANCH: Computer Science & Engineering / branch > <yeon > YEAR : 2017 / year > : Santhos Ne gmeil . Com 2/e meil <P-mail>F-Mail </student> < student> : 45U17(5002</USN> <115N>U5N : MANORANDAN Z/manez Lnames NAME : SDMIT 2/college> <College>COLLEGE : Conjuter Science & Engineering 2/ bounds <br/>
bromch>BRANCH : 2017 4/year> < Year> YEAR : manoranjano general . com c/e-mail> 28-mail >E-Mail </student < Student > : 45U17C5003 4/USN> ZV5N>V5N : CHETHAN Luames Zname> NAME

2 College > COLLEGIE: SDMIT 2/College >

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<br/>
<br/>
branch > BRANCH: Computer Science & Engineering 4biging
                        :2017/14ear>
     ZYan > YEAR
                        : chestastogment cont/pmoil-
     <e-mail>E-mail
     2/5tudent >
   4/5tudents>
Zhtm1-
Program 5. CSS
Students
      dusplay; block; mangin top: 10 px;
      Color: Navy
   3
USN E
     display: block;
     margin-left: 10,0x;
     font-Size: lapt
     Color : Red:
name f
      display blocks
      maryin-left: 20,000
     fort-5120: 14.01.
      Color : blue
College ?
     display: block;
     margin-left: 20pa;
     four-2156: 1561. 0/> £108
     Color : Marcon
branch {
    display: block:
   mangin-left: 20px
   fort-size: 1271;
   Color : Suggle)
```

(2)

year {
 display: block:
 amargin-left: 20px:
 fort-size: 14.pt >
 color: Given:
 display: block:
 margin-left: 20px:
 fort-size: 12.pt;
 color: Blue:
 g

#### outrut:

STUDENT DESCRIPTION

V5N: 45U17(5001

NAME! SANTHOSH

COLLEGE: 5DMIT

BRANCH: Computer Science & Engineering

YEAR: 2017

E-Mail: Santhashagmeil com

USN: 45V1765002

NAME: MANORAJAN

COLLEGE! SDM IT

BRANCH: Computer Swence & Engineering

YEAR 12017

E-Mail: manonanjanogmail. Com

USN: 45V1765003

NAME! THETHAN

COLLEGE; 50MIT

BRANCH: Congruto Science & Engineering

YEAR : 2017

[Mail: The Han @gmail tom

6. Write a SHP Drogram to keep track of the number of visitous visiting the cueb sauge and to display thus Count of visitors, with snoper headings . Programs. Php

## <9 php

Print "<a> SREFRESH PAGE <a> Loss"</a>
<a> straine="counter.tx1";</a>
<a> strib = fopen (straine, "o");</a>
<a> strib = fopen (straine, "o");</a>
<a> file = fo

Drint "Total number of views: " shits [0]

9>

orugust ?

REFRESH PAGE
Total number of views:10

7. Worte a PHP Program to display a digital clock which displays the award time to of the server.

Program 7. PhP

<! DOCTYPE hamis

Zhtml>

~ houd>

Zmeta NHP-quir = "siefrash" convent ="1"/>

<5 hyle>

PE

Color: white

font-5120: 90.PX

Position: absolute;

top:501.5

Left: 50%

transform: trunslute (-501, -501)

body & background-color: black: 3

1style>

<? Php echo date ("h:::5 A"); ? > 4/P>.

Shecol>

output:

10:44:08 AM

10. Worte a PHP strogram to sort the student one cords
While are stored in the database wing selection sort.

Goto Mysal and then type

Create database weblab:

lye weblab:

Create table student (up Narchar (10), name varchar (20),

address varchar (30)):

Program10. Shp <! DOCTYPE html> Zh/m1> <body> <5tyle> table, tid, the 5 barder: LPX solid black: Width: 33 1. text-allign: Tenter: border-Collapse: Collapse: bachground - (doi + Light blue table {margin: autois <style> and, > \$ servername= "boalhost" \$ USEMAMB = " TOOOK ! of susword = "orod". Adbrume "weblat"; \$ aEI

// Crewe Connection Hopen a new termedia to the MySOL Server stamm = mysqli\_Comed ( Servername, tusername, typussworld, \$dirnama; 1/ their connection and oreline an error description from the lost connection over, if any if Gom-> Tomest\_ errol diefo (Comedion failed: " . \$tonn -> tomed\_errow); \$501 = "SELECT \* FROM Student; 1/ performs a query against the devalue \$ nesult = \$ com -> query [ + sa ) L echo "Zbr>" Cho "Krender> BEFORE SORTING 4/center>" cho "Etuble border = 2'7" echo "ZH>" echo "Ztuz VSNZ/tu>Ztuz NAME/tuz Ztuz Addres z Z/tuz Z/trz" if ( sover -mum - Hueset) fi 5 Moreput deva of each soon and fetches a sesult now as an afforciative array. While Colorow = \$ JRSUH -> Peter\_assorWil Echo "ZH >". echo "Ltds": \$ 5000 ["Usn"] "L/td>" echo "Ztd>" torow ["name"] . "4td >; ello "Ad" . Soron ["addi"] "2/td> 4/4>" array - Push Cta, \$0000 ["usn"]] 3 echo "Table is Emply":

```
acho "z/table>"
$11 = Count (tal)
ab tai
C++iet : 0-mED > it 0 = itD
 5
    $1205.$1
       るでもまけらもとまからもみる
            if Ctalitions to Staliti
                  $pas=ti
         if Cit pas! = ti) }
              $ tempos $a []
              $a[$i] 2$a[$pos]
             ta [spos] = & tempo
 $ 5.[]
 $d=[]
 $ siesult = trong-squery ($ 59D)
 if ($ onesut -> num-rows > 0) / output deta of cash on how
   इ
       While (forow = $00001+ > feth-associo) ?
             Bo(は:=0)まべすいまけりを
                  if Ctorow["LISN"]= 2$a[ti]] {
                       $c [ti] : $000 ["name"].
                      Ad Iti]= torow[add-"]
        3
Pcho "261>"-
Pcho 4 Kcenter > RIFTER SORTING Kcenter>"
Ctho" Litable border= 2'>".
echo . "</>
echo "LHOVSN </tu> </tu> NAME ofto 240 > Addrew / How L/How
for Cti=DitiZtuisiH) {
```

echo "ztd>".ta[]." z/td>";
echo "ztd>".ta[]." z/td>";
echo "ztd>".sc[]." z/td>";
echo "ztd>".sc[]." z/td>";

2 cho'z/table>":

9> Abody > Uwm/>

Dutput:

## BEFORE SORTING

| 38.1      | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
|-----------|---|
| NAME      | Address                                 |
| Nisanjini | Benglush                                |
|           | Mysury                                  |
| Anusha    | Giore                                   |
| Vandana   | Betthanyard                             |
|           | Nissanjini<br>Dav Sham<br>Anusha        |

| AFTER SORTING |           |             |
|---------------|-----------|-------------|
| USN           | NAME      | Address     |
| A501765004    | Anusha    | Viine       |
| 450176508     | Davshan   | Mysumy      |
| 45U17C5019    | Nisanjini | Bengalury   |
| 45017(5042    | Vandana   | Belthangady |