WEB TECHNOLOGY LABORATORY
WITH MINI PROJECT

SUDHANVA HEBBAR. J.K 45017CS101 17CSL77

2 h.

```
Experiment-01:
```

covite a Javadeript to design a simple calculator to perform the following operations: som, product, difference by quotient.

Program :

<! DOCTYPE>

Zhtml>

< head>

<lauk rel="stylesheet" hvef= "step (ss"/>

</head>

zcenter>

<body>

<form name = "calulator">.

.

colspan= "4" > <input name = "display"
id = "display" redonly >

</r/>

< z'uput type= "button" value = "1" onelick =</pre>

"cahulator display value += "1">

<input type = "button" value = ">" onchick = "calculator.
duplay value + = '2' "> < | td> ...

(1)

ztd>zinput fype = "button" value = "3" onchick = "calulator.
duplay. value += '3' ">.

<pre

< /1/2>

Ltr>.

< c'uput type = "button" value = "4" ondick = "calulator.

du play. value += '4'" >< ltd>.

Ad > zinput type= "button" value= "5" onclick= "calulator.

duplay. value += '5'" >.

<fd><input +qpe = "button" value = "6" ouclick = "calwlabor.

display-value + = '6'" >

< <iup vi type = "button" value = "-" onclick = "calwlator."

duplay value + = '-'" > .

<Hr>.

.

xtd>zinput type="button" value="7" on chick= "calculator.

display. value+= "7"> > 1td>.

<fd>< z'nput type = "buton" value = "g' onelick = "calculator.

display. value + = 'g'" >

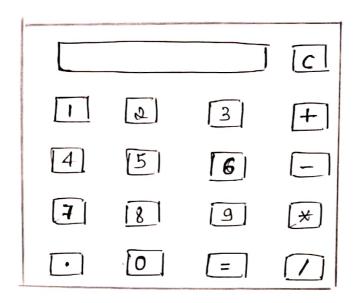
cfd>cinput type="button" value="*" onclick=" calculator. display.
value+='*">.

CAr>. > z rupet fepe="betton" value="." onclick = "calulator display · value + = '.'" > <fd><i'npct type="button" value="0" onelick="calulator.</p> display-value += 101" > < duput type = "button" value = " = " onlick = " calulator .</pre> display value = eval (califator display value)"> <fd><i'uput type = "button" value = "/" outlick = "calulator.</pre> display. value += "/" > < 1+d> < l'upet tepe = "berton" volle= "c" onclick= "calculator de uplay.</p> value = " > </tel> . <input type= "button" value = "" on click = " calculator display</pre> · value + = "0/0" > < Itd> . 2/table> < |form> </body> </r>

</html>:

(F).

DUTPUT:



Test Coulos:

Tout No.	Terpet Parameters	Expected output	Obtained Output	Remarks
1.	value 1 = 50.56 Value 2 = 24.39	Addition = 74.95 Subtraction = 26.17 Multiplication = 1233.15&4 Division = 2.07298072980	Additan=74.95 Subtraction=26.17 Multiplication=1233.1584 Division=2.07198072980	Pass,
2 ·	ralvet= 0 value 2 = 45	Adolitron = 45 Subtraction = -45 Multiphication = 0 Division = 0	Addition = 45 Pubtraction = -45 Multiplication = 0 Divivion = 0	PAS) ·
3.	value 1 = 45 Value 2 = 0	Adolition = 45 Pubtraction = 45 Multiplication = 0 Dilvision = 0	Addition=45 Subtraction=45 Multiplication=0 Pivivion=0	PASI_
4.	values = abc	Enter valid minber	Enter valid	Pars .
5.	value 1=50 value 2 : xyz	Enter valid nomber	Enter valid number	PASS.

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```
Epperament - 02 2.
   the numbers from 0 to 10 kg outputs HTML texts
that displays the resulting in on HTML table format
  PROGRAM:
   <hfml>
   < head>
  zscript>
      document curife ('Zhi align="right"> Squeures & when of the numbers from 0 to 10 < /617');
      downant write ('Zeenter > Ztable width = "30.1." border = "1"
                                       by color= « white"> ');
      downant write (a 2tr> 2th> Number 2/th> 2th> Square 2/ths
                              KARY Cube //th> //tr> ");
       for (var n=0; n <= 10; n++)
           downant. write (" "+n+ ""+n+" +
                             "  "+ nonen+"");
       downent .write (" / table");
  </grapt>
```

</hearl>

c/html>

NUMBER1	FROM O	TO 10	WITH	THEIR
	Spunres	AND	CUBES .	
Number	Square		Cube.	
0	0		0	
	1		Ī	
2	4		Q	
3	9		27	
A	16		64-	
5	25		125	
6	36		916 ·	
7	49		343	
8	64		512	
9	81		729	
10	100		1000	

```
Experiment - 03:
write a Java Script code that duplays tool "TEXT-GIPPOUT NOW" with thereasing fout size in the duterval of 100ms in RED coxor, when the fout size reaches Jopt it displays
  "TEXT SHRENKING" IN BLUE Color than the font eigh
    decreases to spl
PROGIRAM:
< 1 DOLTYPE html>
Llitul >
<body>
      cd="nulpi"> TEXT - GIPCUING . 
      d= "myps">TEYTIHPZHYZNGI
21body>
 cscript> .
    var dige = 10)
     Var (= 0)
           my wast = betsuterval (GrowText1, 100).
    function GrowTert1()
       # (Big1 < 51)
          1 3136 = 8130+1;
              downent.get Element By Id ("my Pr") . Style · Fortsize = (8 ize+ 'pt');
              downeut get Element By Id ("my P1") style · color = " red ";
         else
              clear interval (my waits);
```

set Enterval (Thronk Text 1, 100); downent. get Element By Id ("my PI"). style . vivibility = "hidden"; downent get Element By Id ("ney PI") . style fout Size = " 1pt"; downent get Element By Id ("my P2"). Ityle vivibility = " vivible"; function Shrink Text 1() f (lize >5) dige size -1; document get Element By Id ("my Po") tyle fonting = (113/ </htail>

TEXT- GROWING

TEXT SHRINKINGS

```
Develop & demonstrate a HTML5 file that vucludes Javascript that uses functions for the following problems:

@ Parameter: A String.
```

- 6 Outpet: The position en the strong of the left-most nowel.
- (c) Parameter: A number.
- @ Output: The number were of digite in the

```
'I'ROGIRAM:
 < 1 DOCTYPE Will> .
 zhtml>
    2body>
        <script type = atout / javascript">
         var str= prompt (" Enter the input", "");
          if (! (i) Nan (str))
                 var hum, rev=0, remainder=0;
                   rum = poine Int (str);
                    while ( wm 1 = 0)
                          remainder = nun % 10;
                           numz parselut (num/10);
                           rev=1ev+10+remainder;
                    alert («Reverse of "+ Str+ "1"+rev);
          ķ.
          else
```

otr = str. topper lase 1); for lare (=0; izsti length; i++) chr = str. charAf(P); if (chr == 'A' | | Chr == 'E' | | chr == 'I' | | Chr = '0' | | (hv = = (U)) break; **y**. if (icstilength) alert ("The position of the left most rowel else alert ("No vowel found on the entered String"); ·4. // > c/hfml> Enter the Enpot OK. Reverse of 123456 1 654321 Prevent this page from creating additional dialogs.

```
Esperiment -05
 Deep on the document to stone information about a student
  in an engineering college efficiented to vite The info
  must include use home of Name of the callege, Brownsh , year
        following, and exact tot Nake on tompte dates for
        Moderate treate a to dryle sheet of one of obligating
   the document
TECHERAL .
< " rout - Hylashaet type: "tert/123" livef = "5-13" ">
 < | DOCTYPE HTML>
 Zht ml
       Thronds.
            Zhi> PTUDENTI DELCRIPTIONZINO
       ( lugget
       ( Hodert)
             2Holants
                   < เมพร เลพ : 4 อีบารณ เอา < ในคพร
                   Zhanas NAME + JANTHUH Z hamas
                   ecolleges colleges DMIT e/colleges
                  < branches BRANCH: Computer of trans & Englisher than
                                       </branch
                  CLIPLAY YEAR: NOIT 2/year>
                  Ze-mail> E-mail: dantente quail-com / email>
            </breduit>
            < Student>
                  CHINT WHI A SUFFIIM & (WN)
                 CHOWLEY NAME: MANDERAUTRA 2/ WOME?
                  Ziollege> COLLEGE : JDMIT 2/tollege>
```

```
Strand > BRANCH: Computer Science of Engineering
                               </branch>
            Eyears YEAR : 2017 2/4ear>
            Le-mart = E-mart : manoranjan @ gmart.com 2/e-mart>
      </8tudent>
      < student>
               KNW/S EDDEFILLE : NEW KNEWS
               < name > NAME : CHETHAN > ( Name > .
               college > college : SDMIT </ wilege>
                Stranch > BRANCH: Compiler Science y
                                Engineering </branchs
                <year > YEAR : NOIT 
               Le-mail: E-mail: chethan @ gmail.com < le-mail>
       </bredent>
   </strolents>
</h
Ayle us:
  student of
         display: block; margin-top: 10px; color: Navy;
   UNNI
         desplay: block; margin-top: lopx; font-size: 14pt; color: red;
         display: block: nourgin-top: 20px; font-tize: 14pt: color: Blue;
   }.
                                                               (12)
```

```
college t
     duplay: block; margin-left: dopx; font-lize: 12pt;
                         color: Maroon;
  4.
broughs
     display: block; marqin-left: 20px; fout-size : 12pt;
                         Color: Purple;
  <u> ئ</u>
year {
     duplay: block; morgin-left: dopx; font-size: 1Apt;
                              color: green;
    ž .
 e-noulf
     dupphy: block; margin-left: 20px; fout-size: 12pt; color: Blue;
  <u>ا</u>.
               STUDENT DEJCRIPTION.
                 WN: 45U17 WOOL
                 NAME: JANTHOJH
                 COLLEGE: 1DMIT
                BRANCH: Compter Science & Engineering.
                YEAR: 2017
                 E-mail: santosh (a) gnail· com
                WN: 45017(5002
                NATURANDAM: AMAN
                COLLEGE : JDMIT
               BRANCH: Computer Saience 4 Engineering
```

YEAR : 2017

E-Mail: manoranjana gmail.com.

WN: 41017 (1008 .

NAME: CHETHAN .

COLLEGE: 8DMIT

BRANIH! Computer Science & Engelmerting

YEAR: 2017

E-Mail: Chethan @ gnail. com

```
Experiment 06:-
```

Write a PHP Program to keep track of the number of visitors visitors this with page of to display this count of visitors. with proper headings.

PROGIRAM:

```
Print "Zh3> REFRESH Proje Zh3",

Irane = " counter.txt"

Offile = fopen (Irane, "r");

Ilusts = fscanf (Ifile, ".1.d");

fclose (Ifile);

Offile = fopen (Irane, "cu");

Iprint (Ifile, ".1.d", Ilust [c]);

fclose (Ifile);

print "Total cumber of vnews: ". Ilust [o];

?>.
```

OUTPUT:

REFRESH PAGIE.
Total number of vivens: 10.

```
Experiment - 07:
  Withe a PHP Program to display a digital clock which displays the surrent time of the server.
  PROGRAM :
   < 100CTYPE HTML>
    Chtout>
      <head>
           <mela http-equiv= a refresh" content = "1" />
            < dyle>
                      color: white;
                       font-size: 90px;
position: absolute;
                        top: 50.1.;
                        left: 50.1.)
                    transform: translate (-50.1..-50.1.);
                   body & background - color: black: ?.
            </style>
             <?php echo dale ("h:i:s A"); ?> .
     < 1html>.
```

OUTPUT

10:44:08 AM

```
Experiment - 101-
    write a plip program to soit the student records which are
                                             selection sort.
    stored in the
                      Halabare wing
 Groto Mysoft & then lype
               database weblab;
               weblat :
        We
                       student (ivi
                                      varchar (10), name varchar (20),
        treate
                 table
                                        addres varchar (20);
   PROGIPANI:
    < 1 DOCTYPE HTMLS
     < ht nd>
         < body>
             < style>
                  table , td. th
                      borders spe solid black;
                      widle: 33.1.;
                      tert - alique : couler;
                      border-collagues collapse;
                       background - color: Wight blue;
            </style>
                   of servemence = " localhost";
                  I warrance = "root";
                   *panword = "roof";
                    followie " weblab";
                     Ja=[];
```

```
councilion.
11 opens a new connection to the nyster Sever.
from - nysoli- connect itservername, & evername, & possword,
                                 & ollowine);
I Check connection of return an error description from the
   last connection error, I any.
of (decoun -> connect_error)
      die (" Connection failed: ". fram -> connect-error);
 Isql= "SELECTR from Student";
 fresult = from > query chage);
   echo a zbrz";
   eile "20000> BEFORE SORTENEL 2 (center>";
   etho " Etable border = "2" >";
       " " )
   etho
   ello " Ato unclarator Name  Address 
   & ( fresult -> mm_ mm >0)
       while (from = gresult > fetch-amoc ()) ?.
              ello "etz";
              echo "ctd>". grew ["usn"] . "z(td>";
             etho " " . & row["name"] . "";
              etho "ctd>". from ["addr"]. " ";
              array put ( da, frow[ "w"]);
      þ
elle
            echo "Table i's Empty";
```

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```
echo " 2/table >";
du = count (da);
16 = 1a;
 for ($1=0; $1 < (dn-1); $1++).
       for (1)= fi+4; 4j 2 fu; $ j+1) f.
           1 4 (da[$pos]> $a[$j])
                     $ pos = 6];
       if ($bo1 := $!)
           $temp = da[$i];
            fa[$i] = fa[$pon];
           $a[$pw] = $temp;
       y .
  ٠ .
  $ (=[];
  dd=[];
   gresult = $ coun -> query (d sql);
   H (grewett -> wm_row>0)
        white Carow= gresult-> fetch_assoc()) of.
           for (11=0; $i<$u; $1++) 1.
                    f ( grow["UIN"] = = $a[$i])
                       of 9 ([9:] = $1000 ["manue"];
                           &d[$i] = &row[ "addr"];
      4.
4.
```

```
echo "Zbr>";
     echo "ccenter> AFTER SORTING </center>";
     echo "  ";
     echo " Lfr>";
     echo "CHA> LUN 2/th> 2th> NAME 2/th> 4th> Address <Ah>
                                            </+r>";
     for (di=0; siz$u; $i++){.
          echo « ztr>";
          echo "<fd>>" + $a[$i] · " < /+d>';
          echo "ctd>". $ c[$i] · "c/+d>";
          echo "<ta>", $d[$i]." </ta>";
       4.
      echo "";
      & conn -> close();
   2>
</body>
```

2/hfml>.

SORTING ' BE FORE

NAME	Address .
Niranjihi	Bengalur
Darshan	Mysuru
Auwha	Wire
Vaudoing.	Belthourg voly
	Niranjihi Darshan Anusha

SORTING . AFTER

WN	NAME	Adelress	
4501765004	Anvila	Ujire	
45017 (5008 .	Darchan	Mysure	
4501715019	Nirayini	Bengahru	
45017 (3(4)	Vandana	Bellougady.	