web Technology Lab with mini project - 17CSL77

Sudarshan 45017C5100 7th sem - B' Date - 20/18/20

Program-1

write a javascript to design a simple calculator to perform the following operations: sum, product, difference + quotient

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Program 1. Html

C! DOCTYPE>

Chtml>

Chead ?

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LIhead 7

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Cbody7

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id="display" read only > 2/td > 2/td >

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" (olculator · display · volue + = 12" "721+d7

Ctd7 < inputtype = "button" value = "3" onllich

= "colcular. display. volue += 131 "> 21td>

Ltd7 Linput type = "button" udue = "+" onlich

= "colcular. display. value += 1+1 7 2/td7

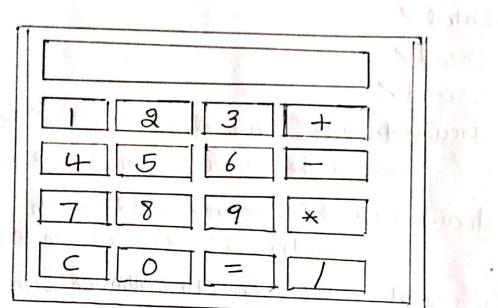
14x7

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Ltd7 < inputtype = "button" value = "4" onllick =
      "calculator-display-value += "4" "> < 1+d7
< td7 Cinput-type = "betton" value = '5 " Zenta > onclick
      = "colculator. display. value + = 15 1 17 21+d7
 ="colculator.display.value+=16"> <1+d7
 = "-" onclick
      = "calculator.display.value+='-1"><1td7
2/trフ
 く十フ
    Ctd7 Cinputtype="button" value="7" onclick=
      "colculator. display. value + = 17" > < 1 tol >
   Ltd 7 < inputtype= "button" value = "8" onelick =
       "calculator. display. value +=181"><1td>
   Z-td > Linput type z "button" volue = "9" on clich =
       "calculator. display-value +=19117<1td7
   Ztd7 Zinput-type = "button" value = " * " onclich =
      "colculator. display value += 1x" ">
1147
47
   > td> < input type = "button" value = "c" onclick =
       "calculator. digply. value += 101 "> < Hd7
   Ltd7 Linput type = "button" value = "0" onclick =
      " colculor. display. volue == 101 "> LItd>
                                       onelick=
    Ltd7 Linput type = "button" value = "="
      " colculator, display. volue +=12"> LItal?
    <-tol7 Zinput-type = "button" volue = "/" onclich =</pre>
      " (el culator display value += 1/1721+d>
    147
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Output:



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Test cases:

Test	THU	Expected	obtained	Da Gal
, NO	Parameter 5	actent	tentus	Remorns
1	volue = 5006	Addition = 74.95 Subtraction = 20.17 Multiplication = 1233.15 division = 2.0729	subtraction = 26:17	Pass
2	volul = 0 volul & =45	Addition = 45 subtraction = -45 multiplication = 0 dubision = 0	Addition = 45 subtraction = -45 multiplication = 0 division = 0	P055
3	value 1=45	Addition = 45 Subtraction = 45 Multiplication = 0 division = infinity	Addition = 45 Subtraction = 45 multiplication = 0	Pass
4	volue 1 = abc	ENTER VALID NUMBER	ENTER VALID NUMBER	Paas
5	value 1 = 50 value 2 = 2 4 7	EMTER VALID NUMBER	ENTER VALID NUMBER	Pass

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Program - 2
Write a Javascript that circulates the squares 4
cubes of the numbers from 0 to 10 4 outputs
HTML text that displays the resulting values
in an HTML table format
-> pragrama.html
                                           1171
   Chrtml 7
   Chead 7
   Lgaipt 7
   document-write ( Lh1 dign = "right" > squares and
       cubes of the numbers from 0 to 10 (1h17')'/
  document write ('Loentrez Ltable width = "30"."
              border="1" by color = "white ">")
  document · wrte ("Ltr7 Cth7 NUMBER CIth7 Cth)
         Square 21th7 (th7 Cube 21th> 21ti)"))
 for (var = 0; n2=10) n++)
                                    CHEMIN !
  document. write (" Lt. 7 Ctd7"+n+" LItd7 Ctd 7"+n
          *n+"21+d7(+d7"+n*n*n+"21+d7(1+d7))/
 document write ("Ltable >")i
 Uscript7
<1 head?
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(1html)

NUMBERS	FROM	Ó	TO	10	WITH	THEIR
SOUARES AND						

NUMBER	Square	aube
0	0	011
	1	1 1
2	4	8
ى	9	27
4	16	64
5	25	125
6	36	R11
7	49	343
8	64	512
9	81	729
10	100	1000

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Guaram 3. WINE a Jour scipt code that dispay text "TEXT-BROWING" with increasing find see in the intercel of 100 ms in RED COLOR, When the first size to the 5 50pt it displays "TEXT- SHRINKIR" in BLUE (. lor. Then the fint SER decreases to 5pt. BLA LOWS HAWS L! POCTYPE HIMEZ CH1ml7 Chods? < P id= "MPI"> TEXT-GROWING. CIP> 2 Pid= "MP2" > TEXTSHRINTNATUR CIP7 LIBIDO Locript 7 Vor 5,202/0) Vari 20) vai my Wait = Set Thervel (arrustext), 100) unction GONTEXTIC) I (510 (51) Si2 = Si2+1/ document. get Element By Id ("my PI"). Still = fint 5 ite = (5/2014)) document. get Flewer BId ("mp Pq"). Style-color ="10") 3 clse (less Interval (my weit 1)) my weit 1 = set interel (shriph Text), 100)] dicument get Element BId ("my PI"). Style · visibilite = "hideli" d. ((men) gel Element By Fd ("my P1") . style . fint six = 11 pt) dicured gel Flemet BITO ("MP2"). Still Visibility =1 visible.

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function shrip Text ()

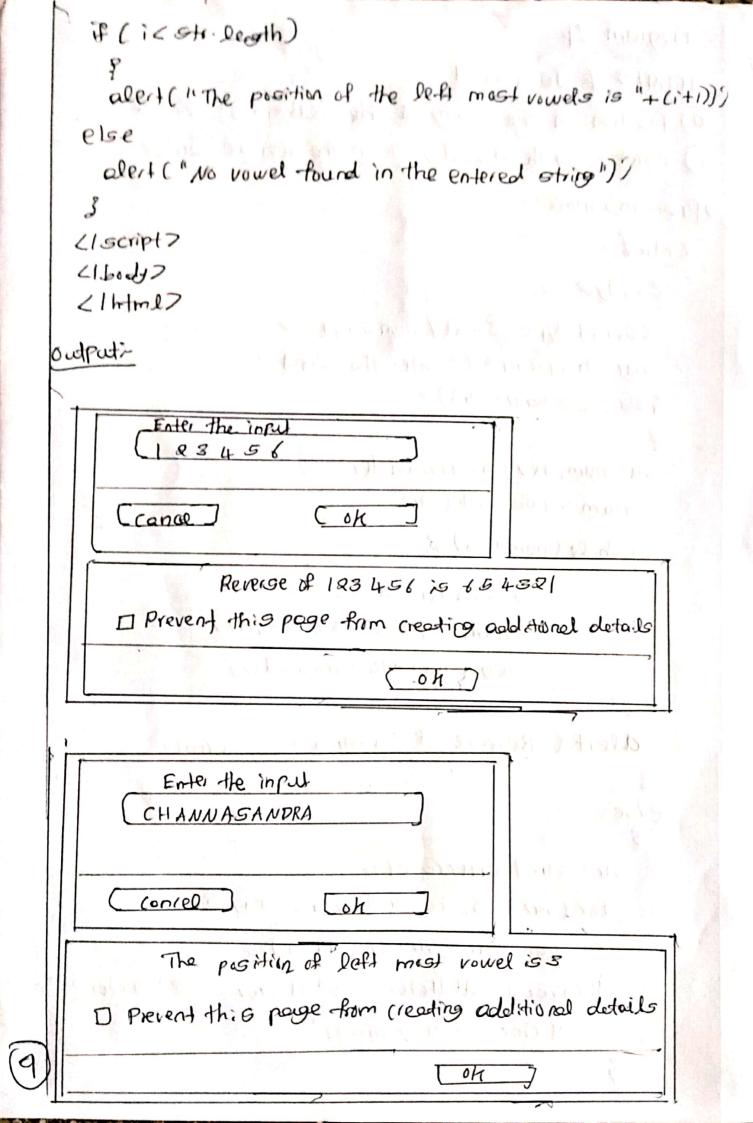
Elic (Size 25)

Elic (Size 25)
```

0 wput

TEXT-GROWING TEXT SHRINKING

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Program -3+
  HTML5 & Javascript'
 a) pasition in the otring is the left-most vowel
 b) number with its digits in the reverse order
-> program3. Himl
  Chtml)
     Lbids7
     (script type = "text / javascript">
     vai str= primpt ("Enfer the Inpul"))
     if (! (is Nan (str))
     var num, rev = 0, remainder;
       num = passeInt (oti) i
       while (num!=0) 8
                 remainder = num % 10/
                 hum = parseIn+ ( num/10)/
                  reu = rew *10 + remainder;
      alert ("Reverse of "+ot+ +" is" + reu) 1
    e Ise
       Str = Str. to UPPEI COSE ()/
         for (var i= 0; i< str. Degth; i++) ?
              var char = str. charA+ (i)
         if (chor == 'A' | |chor == 'E' | | chor == 'I' | |chor== 'o'
             11 (tor = = 'U") break;
```



Test	Input forom elecs	Expected output	obtained	Remorts
1	123	Reversing 123	Reverse of 123	PASS.
2	CHANNASANDRA	The position of the left most vowel is 3	The position of the left must vowed is 3	PASS
3	SKY	No vowel found in the entered string	No vowel found in the entered strip	PASS
4	MNK70	The position of the left mist vowel is 5	The position of the Defi most vowed is 5	PASS

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pragram5 Design on XML document to store inflimation about a Student in on engineery cillinge affiliated to VTU. The infimation must include USN, Nome, 4 Nome of the allege, brench, You of John 4 emort id- Make in comple data for 3 students. Creeks a CSS State 4 use it to display the document. Piggiom5. Html 2? Inl-stylesheet type = " tex +/ css" hel = "s.css"?> C! DOCTYPE HIMLD < html> 2 head CHIZ STUDENTS DISCRIPTION LIKIZ 41 head > Cotudents) CUSNT USN: 45017 (5001 C/USN) Chemo > NAME : GATHOGH </ri> 4 College > CollEGE: GDMIT </ College> L branch 7 BRANCH: Computer Science and eggineers LIbrerab LYEON) YFAR: 2017 <1 YEON > Le-mail 7 Fmail: south sh Qamon com 1/e-mo. 1 21 Student > C Ghident 7 LUSIN USN: 4 SUITCEOO 2 C/USN) L nome > NAME: MANORANJAN CINED C college 7 CILLEGE: 5DMIT CICULEYET C brench 7 BRANCH: Compate Gience a engineery (1 breach) CYEAR : 2017 CIYEO, 7 Le-meil 7 EMAIL: monoronion Comeil cim [1-e-mol) C/ spolent < speden > CUEND UGN: USUTIGORS CLUEND LNEMET NAME: CHETHAN CINEMED

Callest COLLEGE: SOMIT CICCLES

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        Color: puple;
     Year ?
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        Color = Green;
     e-meihl &
       display: blich; mean-lef: 20px; find-size: 12Pl;
        alor = Blue;
```

output:

STUPENT DESCRIPTION

USN: 45 017C5001

NAME: SATHOS +

COLLEGE: SPMIT

BRANCH: Computer Science and Coginerity

YEAR: 2017

Email: Sorthish @gmo, l. Com.

USN: 45017C5002

NAME: MANORANJAN

COLLEGE: SOMIT

BRANCH: Compute science and engineering

YEAR: 2017

E-meil: menoronion @gmeil com

USN: 45017C5008

NAME: CHETHAN

CULLEGE: SPMIT

BRANCH: Computer sience and engineer, y

XEAR: 2117

E-moil: Chether agrowil. Com

Program-6

Write a PHP program to heep track of the number of visiting visiting the medipose and to display this count of visiting with proper heading.

Program 6 php:

C? php

print" 2 h3> REFRESH PAGE 21h37")

\$ name = "(ountp. +x+1")

\$ file = forea (frame, "r");

\$ hits = fscanf (\$file, "/d"))

l.se (\$Rile);

\$ hits [o] ++/

\$ hits [o] ++/

\$ hits [o] ++/

\$ frunts (\$Rile, ">d", \$hits[o]);

\$ clise (\$ Rile);

Print "Total number of views: ", \$hills[a])

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avies Descriptions

output:

REFRESH PAGE
Total number of views:10

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Program 7
write a PHP program to displa a digital
clock which displais the current time
 of the server
Program 7 php
C! DOCTTPE HTML7
Lhtml7
Lhead?
    Lmeta http-Quiv= "refresh" content="1"/>
     Loy les
         c.lor: white ;
        -font-size: 90 PX;
         position: obalute;
          top: 50%)
         Jeft: 50%)
         trons fim: tronslet (-50%, -50 4.)/
     body
      bachground-color: blach;
    1/5/Jle 7
  LP7 L? Php Ccho dot ("h: ; ; &A"); ?> (7P)
  41 head 7
```

7

output

10:44:08 AM

A 4. . 18 15.

1 1 5 1 11

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blodiow 8
   WINE a PHP prigrom to sort the student reards which
   one sorted in the oldrabose using selection sixi
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 use wheat
 creek toble 5theolog (usn voicho: (10), nome vercho: (20),
  address voicher (21)))
Plagrom 10. Php
L! DOCT YPE - HIML >
Chtme 7
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       15thle 7
          table, td, th
           borde: Ipx solid black;
           width: 33%)
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         border - (all opse; callopse)
        boch grand - cili = losh blue;
        table & morgin; auto; 3
      2154Je7
    Z? php
         $ Serverome = " Dicolhust")
        & use neme = "100) ")
        $ pess wind = 11/60/11)
        $ db nome = " web leb")
        $a = [] /
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\$ (Inn2 mysqli - Cinned (\$50/verneme, suserneme, suserneme, &posswind, \$dbrome))

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      die ("annedin foiled: ". I an -> (invod - elloi))
55882 "SELECT & FROM obudend")
tresult = $(onn -) quer (5591))
echo " ( )/
echo! Lanter DEFORE SURTING Clanter 71)
echo " Ltable boider=1217")
ecto "2+2")
ech. " Lth 7 USA LHAZ LTh 7 NAME ZIJKZ LIKT Addres & CIKZ
 L1+7"/
I (+ result -> num_rows >0)
 While C 5 row = Great -> fetch _ ossic()) ?
     echo 1/277
      echi " Ltd J', $ ran ["usn'] . " 
     echo " 2107". $1100 ["rome"], " < /1/07")
     echo " Ltd 7". From ["addi"] " 2/td> 2/td>
      array- puch ( $a, From ["usn')))
e15e
   echo "Toble is Empto"
  ech. (1 tobbe ")
 In 2 count (Ia))
 56 = $a
for (91=0) $i < (5n-1); 31+1)
   5 pis = $11
 先((gj=gi+1), gj (gn), gj++) 3
      I ($a[$pos] > $a[ A ])
   3 $15= 407
```

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if ($pis! 2 4i) ?
       $tem = $a[$i]/
        $a EsiJ= $a [$pis];
        $a [$ pos] = $ +emp'
  33
 $ c2 []/
 $d =[])
 Fresel = Sconn - query ($500)
 if (tresul -> num_rows >0)
     While Carour = steal + > fetch _ ossic()) }
        for ($i=0) $i250; $i++) }
             IF C$ row [" usn') == sa [si])?
                &c [di] = fru [ + none 17)
            (Fol = strow ["addi '0)
         3
    3
echo "Cbr>">
eche " Ecenter AFTER GIRTING Conter")
 echo 11 Ctokle bunder = 12/7/1)
 echo " (+7")
 echo "C+h) USN C/+h) C+h) NAME C/+h) C+h) Address C/h)
 for (##) $1=0; $1 < $n; $1++) }
       Ccho (( <+>71)
       echo "Ltd7" - $a [$i] - " LItd7"/
       echo "Ltd7". &c [5i] ," < 1td7",
      etho " Ltd )". &d [41]." < 1td> < 1ty>",
     3
   ech " Utoble7")
   5 conn -) close();
< Ibudy
CI home )
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BEFORE GORTING

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45017 CS 80 41	Anusta	USIFE)
45017(5142	Vondena	Belthogod

AFTER GORTING

USN	NAME	Address
45017CS004	Anush	uvire
4501765008	Poaston	Mysuru
4301765019	Niron Jini	Begelary
4501765642	Vordona	Beltogod