Swasthik. D Web Technology Lab 450176511 7th Sem With Mini Project 20/12/2020 17CSL77 Program - 1 Write a Javascript to design a simple colculator to perform the following operations: sum, product, difference and quotient Program 1. html <! DOLTYPE> < html> < head > < form name = "Calculator"> "3" >: < tdcolspan = "4"> < input name = "display" id = "display" readonly> $\langle lr \rangle$ <: npot type = "button y value = "1" one liela = "calculator. display. value + = 1" > < 18d > < Ed > < input type " " button " value = "2" onelick : "(alulation. display, value + = '2" > < /6d > "3" onclick = "calculator. display. value +='3", > < 16d > < input type = "button" value = " one liele = "calculator. display. Value + = '+" > < 1 td >

< br>

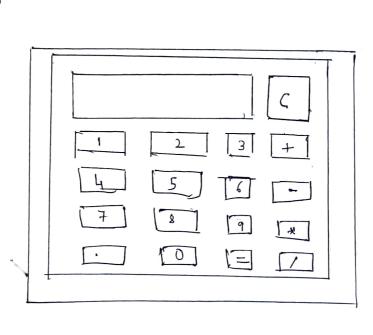
<1d>> <input type "hotton" value = "4" oneticle "calculato, display value += '4" > < 161> <input type "bullion" value ""s" onelide " coluntet. display. value += 15" > < 16d > < Ed > < input type, "button" value "6" onclude = "calculato. display value + = 16"> < 16d > < Ed > Cinput type > "button " value > "-" onclick > "calculator. display value += "-" < 1td > <Er> Ltd > Sinput type, "button "value , '7" onclick 2" calculator. display rate + = 7 " > <itd> <!d>< calculator</pre> display. value + = "8" X/bd> Ltd > Linput type , "button' value 2 494 onelide > "calculation. duplay, value += 19"> < 16d> Ltd > Kinput type = "button" value = " onclick = "calculator. display ovalue + , * "> <input type = "button" value = "." on clude = "calculator.</pre> display. value += 1. "> <16d > < support type = "button" value = "0" onclicle > "calculator. display.value + = 'O" > < 18d > < Ed7 cinput type = "button" value = "="

onclicle = "calcula for . display value > eval (calculator . display value)" > < 16d > Ltd> Linput type " button " value = "1" onchele = "calculator. display. value + = 1/" >< 161) < Itr> < ld > < input type = "button" value = "c" onclock = "calculator. display values "" > <1 Ed> {td > <input type = "button" value = "'!" orclide = "calculator."
</pre> display value + = 1% "> LIEd > 4/tr> < lbable > < I for m > < 1 body >

Output:

<1 conters

</h



Test Coses:

Test	Pararatus	Experied Output	Obtand	P. mark
No.	Value 1 = 150.56	Add ton = 74.95 Subtraction = 26.17	Addition = 74.95	10.16
	Value + 24 . 39	Multiplica Hon , 12 33-1884	Multiplication = 1223-15	PASS
		Diwson - 1.072120	fubration = 0.072180	
5.	Value 1 = 0	Addition = 45 Subtration = -45	Addition = 45 Subtraction == 45	
	Value 2 = 2,5	Multiplication 20	Mulhiplication = 0	PAS
		Drivin = 0	Division	
3.	Valu 1 2 45	Addition = 45	Addition = 45	
	Volui 2 > 0	Subtraction = 45 Multiple cation = 0	Subtraction = 45° Multiplication = 0	PAS
		Division - Infinity	Dusin = latinity	
,	Volus = abc	ENTER VALID	ENTER VALID	
4.	Valu12, 23	NUMBER	NUMBER	PAS.
	Value 1 2 50	ENTER VALID	<i>(</i> *-	
5.	Value 2 > xyz	NUMBER	ENTER VALID NUMBER	PASS

Program - 2 Write a Javoscript that colculates the squares and cutes of the numbers from 0 to 10 and supply HiML fix + that displays the scrulling values in an HTML lable for mat. Program 2. Home <html> Lhead > < script> document. write (< hl align = "right" > Squeres and Cubes, of the numbers from 0 to 10 <161 > '); decument. write ('Clenter'> < table width , "30%" border ? " " bgcolor document. with ("Llor-> CAA > Number (Ith > < + A> Square TIEA > = "white "> '); Cob. < (th > < 16r > "); for (var n=0; n == 10; n++) document. write ("Ztr > "+ n+ "<(td>> >"+ n+ n+ "< 11-d> n*n + "</fd ></fr>); document. with ("< Itable >"); <1script> 4/head > <1htm1>

Numbers	FROM	O TO 10 WITH		ope - meter	2.
Nymber		Square		Cube	
0		٥		6	
		1		, , , , , , , , , , , , , , , , , , ,	1
2		4		8	
3		٩		27	
l ₄		16		64	
5		25	4	1 25	
6		36		216	
7		49		343	
8		6 4	1	512	
٩		81		729	
		60		1002	

Program 3 write a Javascript code that displays text " TEXT - GROWN 4" with increasing font size in the interval of looms in RED COLOR, when the font tize reaches 50pt it desplays "TEXT- SHRINKONG" in BLUE color. Then the foot size decreases to 5pt. Program 3. html L! DOCTYPE HAML> <hfml> < body > TEXT - 4ROWING . 4/p> < pid = "my P2" > TEXTSHRINKING < IP > < 160 dy > < script > Var &1 Ze = 10; Var1 = 0; var my Wastl = setln terral (Grow Text 1, 100); function GrowText1() if(size < 51) Fi Ze = SiZ + 1; document. Settlement By (d ("my PI"). style forts, ze = (size + 'pt'); document. fort Element By (d ("my PI") . shyle .color = "sed"; 3 che Clear Interval (my Wasti); mywastl = sotlatival (shrinleten +1, 100); document get Element By ld ("my P,"). style Nowh. Yory = "hirdden";

downent gittlement Byld ("my P2") style wohlty " "while ",

downent gittlement Byld ("my P2") style wohlty " "while ",

fundan Shrink Text ()

fundan Shrink Text ()

for size 75)

for size 25)

for downent gittlement Byld ("my P2"), style for 15, ze 2 (5, ze 2 by)

output:

TEXT- GROWING

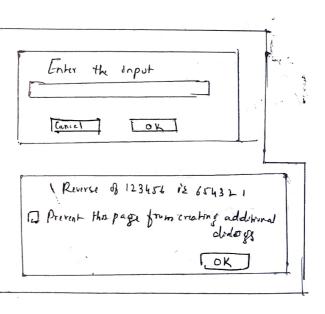
TEXT SHRINKING

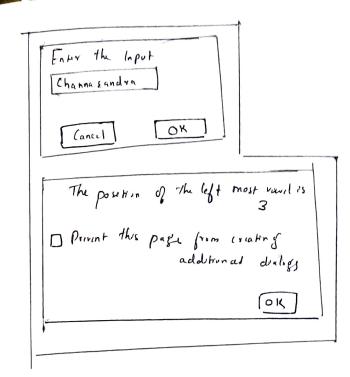
Program - 4 Develop and demonstrate a HTML5 file that includes Javascript script that uses functions for the followings pro 10 ms. a Paromity: A SHID or (b) Output : The position in the strong of the left-most vowel @ Paramiti . A number Dupper: The number with its digits in the reverse order. Profram L. Ltml < ; DOCTYPE HEML> イト1ml> < body > < Script you > " text / Javascript"> var str = prompt (" Knter the Input",""); 1/(!(is NaN(sk))) var num, rev = D, remain der ; num = parselat (str); while (nom ! = 0) } remander : num %10; num = parse Int (num/10); rer = rev * 10 + remainder; abort ("Reverse)" + Str + "it" + rer); & eise str > str. to Upper (a se (); Yor (vor i = 0; i < st. length ; i++)

Van chr = sh.charAE(i);

if (chr == 'A' || chr == 'I' || chr == 'I' || chr == 'O' || c

Output:





Test Cases:

Test No.	Input Parameters	Exputed output	Obtained output	Rimark
1.	123	Review of 123 is 321	Reverse & 16 123	PASC
2.	CHANNASANDKA	The possession of the left most vowel of	The position is the left most volice!	PAZZ
3.	ξKY	No P Vowel found in the entired aftring	No rower found on the entered	PASE
L ₄ ,	MNKID	The position of the left most vowel is	The position of the left most vowel is	PASS

Program - 5 Design an XML document to store information at a student in an engineering college abbilioned to VTU. The information must include USV, Mane, and Alame of the college, Branch, Year of Joining, and email id. Make up sample data for 3 studing Creake a CSS style sheet and use it to display the document. Program 5. xml < ? xml-stylishet type = "textless" href = "5.055" }. < I DOCTYPE HTML > <h+ml> Chead > Chir STUDENTS DESCRIPTION LILIS (Alead) < Shdinks > < shdat > ∠USN> USN : 4€017(SØØ) < 1USN> Knomi> NAME : SWASTHIK KINAME> < college > COLLEGE: SAMIT < 1 college > L branch > BRANCH ! Computer Saience and Engineering <1 branch > (year) YEAR : 2017 (19ear) (amail) [-Mail: Swasthik @ small com demail) < 1 shodents <shdint >

2 USN > USN : 45017(SOO2 < 10 SN > Lnomit NAME : MANORANJAN Cloamis Lellige > COLLEGE: SOMIT < 1 collige > Lbranch > BRANCH : Computer Source and Englineering < I branch> < year > YEAR : 2017 <1 Year > Lermail > E-Mail: monoranjan agmail.com Lle-mail> 21 sh dint > Lindent > <p < collige > COLLEGE : SDM 17 < 1 colliges < branch > BRANCH : Computer Screene and Engineering (year > YEAR + 2017 (1 Year > Le-mail > E-Mail : Chithan @ Smail. com < 1e-mail> </ student> < / Shodenty > </km/> Program 5. (ss Shount f display: block; margin-top: 10pz; lolor: Navy; USNY display: block; margin -left : 10px; font-size: 14pt; Color: Red ;

display: block; margin-left: 20px; fint-size: 14,14; color: Blue; Colle Si douplay: block; morgen-left: 20px; font- rize: 12pt; (oliv: Maroon! branch } display: block; margin - last: 20px; font- size: 12pt; Color : Christe year { display: black; marsin-left: 20pse; font - size: 14px; Color: Green; e-mail } display: block; morgin-left: 20px; font-size: 12pt; Color: Blue; STUDENT DESCRIPTION USN: 45017 (SII) NAME : SWASTHIK COLLEGE : SOM IT BRANCH: Compyter Science and Engineering YEAR : 2017 E-mail: swastlike @ smail. com

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USN : 45017(5002

NAME : MANORANJAN

COLLEGE: SOMIT

BRANCH: Computer Science and Engineering

YEAR: 2017

E-Mail: mon oronjan @ Jmail. com

USN: 45017 C5003

NAME: CHETHAN

COLLEGE : SIDMIT

BRANCH: Computer Swence and Lingsmerines

YEAR : 2017

Ex Mail: Chethan a gmail: Com

Profrom - 6 Write a PHP profram to keep track of the number Write a PHP Wis Count of visibrs, with proper heading program 6. ph p < ? php Print "Lhar REFRESH PAGE < (L) >7; Iname = "couter. txt"; Stile > for (frame, "r"); Shih = front (8 file, "olod"); 8 (1. se (\$ 4:6); Shih ToJ++; It'le : Jopen (Sname, "w"); Sprint (Stu, " 1.d", Shus [0]); Acdon (Spr); Print "Total number of wews: ". Shirts [0]; Outpot:

REFRESH PAGE

Total number of wiws: 10

Program-7: Write a PHP program name states py that declares a variable states with value "Missippi Alabama Tixas Masiachusitte Kansas". Write PHP program that does the following: a) Search for a word in variable states that ends in Ras. Shie this word in eliment Of a list named States List. b) Search for a word in state the begins with le and ends in s. Pirform a case-sonsitive comparison. c) Search for a word in states that begins with M and ends in s. astore this word in chemint 2 of the list. d) Sharch for a word in status that ends in a. Store this word in element 3 of the list. Program 9. Php 1 < ? PK P Sstates > " Mississipp: Alabama Tixas Massachusetts Kansan". I state Array , []; & States 1 = explode (' , & states); echo "Original Array : < 6r > "; foreach (\$states 1 as \$ = > \$ value > Print ("STATES (SiJ . Svalu < 6, >"); foreach (\$states 1 as \$ state) } * (pres - m alch (1/ Xas \$1', (Sstate))) & States Array ToJ = (&state)

for each (& states 1 as & state) } H (preg-match ('11/k. * 5 \$ /i', (\$ state))) \$ state Array [i] . (& state); foreach (Sstatul as Sstate) } 7 (pref-match ('/^M. * 5\$1', (& State))) \$ states Array [2] = (\$ state); foreach (& state) as \$ state) { if (pred-match ('/a 8/', (\$ she H))) \$ States Array [3] > (& State)) echo "<6r> <6r> Resultant Array ; <6r>"; for each (Sstaty Array as Sarray =) I value) Print (STATES [Jarray] = \$ walve < 6 r > "); 2> Original Array: STATES FOJ = MOSISIPP! STATES [1] . Alabama

STATES [2] : Texas STATES T33 . Massachusetts STATES [4] : Kansas

Revoltant Array s

ETATES [O] - Tixas

STATES [I] > Kansas

STATES [2] 2 Massachusetts

STATES [3] > Alabama

Program - 88 Write a PHP program to sort the student records Write a I'll 10 which are shred in the data have using selection for. Go to My sql and then type Create databan wiblab; use weblab; use wibleb,

Create table Student (usn varchar(10), name varchar (20) brogram . php L! DOCTYPE html> < html> < body > Lstyle > table, Ed, Eh border: 1 px solid black; wid H : 33%; text-abon : center : border - Collapse: Collapse; back fround - colos: light blue; table I morfon : auto; } Listyle > < ? ph p \$ servinance + " local host"; Jusername = "root"; Spanword > "rost". Idburme, "wiblab"; \$ a = [];

John = mysgli_connect (&sinvername, Susername, Spassword, & dbname); if (\$ (unn -) (unnich - error) die ((connetion falled : ". \$ conn -) (sonnet - error); I sal = "FELECT & FROM student"; Sresult = \$ conn -> query (\$ 296); echo " < 6x > ; echo " (center > BEFORE SORTING </center >"; echo " table border > '2' > "; echo "< +>"; echo Yth > USN < 1 th > Xth > NAME < 1 th > Addres, of (Fresult - nom - rows 0) <1th>><1tr>"; while (from = fresult -) fitch_assoc()) { echo "< h>>"; echo " td > ". Sna ["usn"], " 216d >"; "" . Srow ["name" J." < ltd >"; echo "". grow ["add,"]. "xltd>"; array- push (Sa. from ["usn"]); else echo "Table is Emply"; echo " < (/2 /4 > ") In : count (Sa); \$b = ga;

for (\$i = 0; \$! < (3n-1); \$1++) for (\$j = 0 \$1 + 1; \$j < \$n ; \$j + + > } 1 (Sa [\$ pos] > \$ a [\$ j]) \$pos = \$1; 3 7 (Spos! = Si) { Stemp = Sa[Si]; \$ a [4:] 2 \$ a [4 po 2]; Sa [spoots Strap) 3 \$c = []; \$d 2[]; Sresult = Sconn -> query (\$591) if (Sresolt -) nom - rows > 0) while (\$row = fresult -> fetch - anoc ()){ for (9:= 0; \$i < \$n : Bi++) } F(Snow [" usn "] = &a [Si]){ Sc[Si] = Srow ["name"]; \$d [\$i] = \$von ["addr"]; 3 3

2.

echo "< 6,7"; echo " centr > AFTER SOFTING & Center > echo 'L table bordo > 2' > " echo "
) echo " USN < 1 th > < 6h > NAME Zth > Add. on 21th > <167"; for (\$: = 0; 9 i < \$n ; \$ i + 1) } echo " <h > "; echo " ". \$a[8;]." < 1 td >"; echo " < 6d > ". Sc [\$:]. " < 16d >"; echs " ". &d [9:]." < 1td > < 1b >"; echo "</baby >"; & conn - > Close (); ?> < (hody > Llhtml> Output! BEFORE SORTING USN NAME Address 4501765019 Wranjini Bingaloro 45017(5008 Darshan Mysoro 4501769004 Wire Anusha Betthergody 4501765042 Vandana

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AFTER SORTING

	The state of the s	
NZU	NAME	Addion
4501705004	Anusha	Offre
4501765008	Dershan	Mynru
4501765019	Nivanjin)	Bengaboru
45017(50 42	Vandana	Belthongo dy
		,