```
to derign a simple Calculation to
(1) Brite a javasourpt
                       operations: sum, product, d'Herence
  perform the following
  and quotient.
       perogram 1. html
     < ! DOCTYPE>
     < html>
                      LIVER TO UNITED SELECTION OF THE PROPERTY OF
     < head>
     < title > Web lab Ponogram 1 < 1 title>
      < style>
          bodys
               text-align : center;
              . title &
                 border- nadius: 45PX;
                 margin - buttom: 30Px;
                text-align; center;
                 Padding: 14Px 13Px;
                width: 1000px;
                 Color: red;
                  background- Color; ned;
             border: solid black 2px;
138 - Day of Flores - continues of the manage
HOLDER SEA IS TH
               input[type = "text"] {
border-radius: 10px;
                   text-align; oright;
property tones
                   background - color; gold;
                    width; 94%;
```

```
input [type = "button"]
   border - nadius : 20px;
    background - Color : blue;
       Color: White;
      border - color: White;
width : auto;
     · tit l
       bolder - radius : 45 Pz;
       margin - bottom: 30px;
        text-align: center;
          width; 150 px;
          Color: ned;
                                   <101>
         back ground - (olor: pink;
         borden: solid black 3px;
       <1 Style>
< Script > 100 1
 function disp (val) {
   document. get Element By Id ('SDM'), value += val;
  function (buc) f
      document: get Element ById ('SDM'). value = " ";
    function solve(){
 let x = document. get Element By Id ('som'). value;
  lety = eval (x);
    document get Edementsy Id ('SDM') value = y;
    <1 sount>
    < 1 head>
    Lbody>
```

```
Ldiv class = "title"> SDM JAVASCRIPT LABPROGRAMS </div)
  < center>
  <+91>
      < fd>
      <input type ="button" value = "CE" onclick = "cbr()">
       <1 td>
       < +d Colspan = "4">
          <input taype = "text" id = "SDM">
           <1td>
           <1 to
           Ltaz
             C'input type = "button" value = "#" onclik = "disp (+1)")
               <1td>
               L'input type = "button" value = "1" onclick = "dup('1')">
        21td>
  < input type = "button" value = "2" ondick = "disp('2')"> <1td>
<fd><input type= "button" value = "3" onclick = "deip('3')"><1+d>
            Checuming . You plant of Med Ect. ( P. 20 Mills . Truck
< input type = "button" value = "_" ondick = "disp ('-')" × 1+d>
    < txt>

/ Linput type = "button" value = "u" ondick = "disp('u')">21+d>
Ltd> Linput type= "button" value="5" onclick="deep('5')">21td>
<input type= "button" value= "6" onebok= "deip('6')"><1+d>
<11xx>
 <+977

<?nput type = "button" value = "t" Oncl'ck = "dup ('+') > < 1 td>
                                           < Walson of
```

(td) < input type = "button" value = "7" onelik = "disp (17')"><110> 2td>< input type= "button" value= "8" onclick = "deep ('8')">< 1+d> < input type= "button" value= "9" onclik= "dup('9')"><1110> 21827 < 1917 <input type= "button" value = "/" on like = "dup ('1')"><1+d> Ltd> L'input type= "button" value= "." onclick = "deup ('.')">LHd> < ?nput type = "button" value = "o" onclick = "desp('o')" >< 1+d> Ltd>< input type= "button" value= "="ondick="dup('=')"> diemanni, maile (spit as " supple " supple > shreeter and <1217 <1 table> Charly of or well man <1 body> by color = " while " > / </hl> warrend. white (" ? for > < to > Number > th> > th> > square Sim ("KILLY KAIL () HUZ) KAIL)"); (+14 01=>11 (324 MOA) LEF acument. white TUS IT TO SUIT CLEUWINENT, LEWE (book) <11000 mg>

(2) Blite a java script that Calculater the squares and Cubes of the numbers from 0 to 10 and outputs HTML text that displays the resulting values in an HTML table format. program 2. ht ml < 1 DOCTYPE html> the state of the s < html> - mount of a mile for the shipt tours of be < head> a - Liming "=" - miles motion !" - south human > 20 < sount> document. write ('<h1 align = "right" > Squares and Cubes of the numbers from o to 10 <1h17'); document. Bute ('< center> < table width = "301." border = "1" 69 colot = "white" >); downert. Write (" < for > Number 2/th> Square SIN (th> (ube <1 th> <1 tor>"); for (van noo; n <=10; n++) document. write ("<tor>"+n+" <1td>"+n+" <1td>"+n+" <!#d></d>>"+n*n*n+"<!!#d><!!#n>"); document, Brite (" < 1 table >"); </ suints <1 head> <1 html>

Numbers FROM 0	To 10 with the	in SQUARES AND CUBE
Number	Squares	Cube
0	0	0
		Zilata salata
2	4	8
3	9	27
4	161A > MA	00164 DOT 21 < 316
5	25	125
6	36	216
<"1067 " = 10 Pilo"	49	343
8	64	512 <95
9	81	729
10	100	1000

Your test = decument. Pury selever ("P")

iour Hay = C

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A COST FORM = 2

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tery style : Legal = Legal : That

1 (feit = 50) fi

frag = 15

test. Style : fonds ge = font + West

tent: testerment = "lest - Greenstruct: "+ food + "

Manual Ma

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(3) Double a java swipt Code that duplays text "TEXT-GROWING"
Leith invieasing pont size in the interval of 100 ms in RED
 color, when the fout reze neaches 50pt et duplays
  "TEXT-SHRINKING" in BLUE Color. Then the font size
 decreases to spt.
  program 3. utml
  < ! DOCTYPE html>
   < html>
   < head>
  <ti>title > JS TEXT PROGAM < 1 title>
   < 1 head>
  L body >
    <div style = "margin-top; 200px;" align = "(enter">
       LP7 CIP>
     <1div>
     (soupt)
      var text = document. query selector ('p')
      var font = 5;
       var Hag = 0;
     function inc () {
         font ++;
         text. style. jontsize = jont + "pt";
         text. Style, color = "ned";
         fent, text-content = "Text - GROWING"," + long + "pt"
          if (fort = = 50) 4
              flag = 1;
```

```
function deci) l
 font --;
        text. style. fontuize = font + "nt";
         text. Style. color = "blue";
text. text content = "TEXT-SHKING:" + font + "pt";
      if (font = = 5){
flag = 0;
  much produced to the same and the
 Var time = setInterval (function () f
         ? { C flag = = 1) {
                      Chate Just Just
          decis;
       if (flag == 0) f
     incc);
                 T ((KHZ) MAMAR)))
         3 100);
       < 1soupt > mon mon mon
       < 1 body> ( The ) the I be a from
        THINKLETCH THUNKING
         (21) = Purile Int ( num [15)
       THE WEST STEEN A WORL - WALT
    TEXT-GROWING
            TEXT SHRINKING
           Store = Stall to Upper Lake )
```

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(Statement). Kt/ = Kill KL/

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(4) Develop and demonstrate a HTML5 file that includes
Javasvipt soupt that uses functions for the following
  problems;
   (a) parameter: A string
   6 output: The position in the string of the left-not vowel
   (c) parameter , A number
   a output; The number with êts dégêts en the reverue
                order.
                                 NOTE: (IN an function retwin tome
                                  if the argument in not a no.)
   program 4. Hrl
     < ! DOCTYPE html>
        < haml>
         < body>
          < soupt type = "text/javasouspt">
           Var Stri = prompt ("Enter the Input", "");
             if (! (innan (sta)))
                var num, nev=0, remainder!
                  num = parreInt (str);
                    while (num; =0){
                     nemainder = num 1/2 10;
                       num = parneInt (num /10);
                       nev = nev * 10+ nemainder;
                  alert ("Reverue of "+ strit" in "+ nev);
                  Stor = Stor. to Upper Care ();
                    1870 van i=0; iz str. length; i++){
                          var Cher = Str. (hanAt (i)
                        of (chor== 'A' 11 chor== 'E' 11 chor== 'I' 11
     Chor = = '0' 11 (hr = = 'U') boreak)
```

if (i' Stor. length) about ("The position of the left most vowel 21"+ (i+1)); ehe about ("No vowel found in the entered String"); 21 sount> <1 body> < (let ml> CJMTH SAVIDOG! > < Land Enter the input < head > 123456 SIMBENIS KINS Kancel SOLEMER ADVISORED Reverse of 123456 in 654321 (tudent) 1 4120 < VIZU > 2 KUZUIZ 100 2) FIUZIL CHAME SHINE SHINE ZIMES Conteges (outle rife : SDMIT < I (ellers) Enter the input Channasandna FIRE: SIMBLY STREET 2 sound : Down of Lund : Lund Kancel The position of the left most vowel is 3 OK

(5) Derign an XML downent to store information about a Student in an engineering college affiliated to VTU. The information must include USN, Name and Name of the college, Branch, year of joining, and email id. The college, Branch, year of joining, and email id. Make up sample data for 3 Students, create a CSS Style Make up sample data for 3 Students, Create a CSS Style Sheet and we is to display the downerd.

programs. xml

< ? xml - style sheet type = "text / css " href = "5. css"?>

< , DOCTYPE HTML>

< html>

< head>

Zhiy STUDENTS DESCRIPTION ZIhi>

<1head>

< students>

< student>

< USN> USN: USU17 (S001 < 1USN>

<name> NAME: AMULYA <Iname>

< College > COLLEGE: SDMIT < 1 (ollege)

L'branch > BRANCH: Computer science and Engineering < Ibranch

ILEBER AL BENEAL B SEVERAL

Zyear> YEAR : 2017 21 year>

<e-mail > E-mail: Amulya@gmail.com < 1e-mail)

<1 student>

< student> : USUI7 CSOO2 ZIUSN> <USN>USN < name> NAME : BINDU </ name> < collège > COLLEGE : SDMIT < 16llege > Chranch's BRANCH: Computer Science and Engineering < Ibranch < years YEAR : 2017 < 1 years Le-mail > E-mail: bindu@gmail.com <1e-mail> < 1 Student > < student> : USUITCSOO3 ZIUSN> YOUN >USU <name> NAME : CHINMAY </name> C-Mark : SDMIT <1 college> < College > COLLEGE : computer science and Engineering albrands Chranch > BRANCH : 2017 <1 years < year > YEAR : chinnay @ gmail. Com <1e-mail> Le-mail > E-Mail STUDENT DESCRIPTION <1 student> < 1 Students > AVJUMA DMALT (1ht nd) Perogerams. css Mungara) Mungaga Student duplay: block; margin - top: 10 PX; cdor: Navy; USN & derplay: block; margin-left: 10PX; font-size: 14pt; (dori Red;

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name l
       duplay: block; margen - left 120px; font-vize: 14pt; wold : Blue;
                                        JEIMY COMMING
                  Kannan - I sid id
   Collège &
                 CARRIAGE TIMES " DULLIANS
       duplay: block; margin-left; 20px; font-vize; 12 pt; Color: Marson;
                     boranch & war of Small Born Demand i but of Showing
      dieplay: block; margen-left: 20px; font-rize: 12pt; der; pumple;
    years
                                            くないかかれたと
      du play; block; margin -left; 20 px; font-vize: 14 pt; color: Green;
             SUMBALL SIMUS
                                      SMAN SAMOND
     e-mail f
               EDMETT TIMOS
denlay: block; margin-left: 20 px; font-lize: 12 pt; (old: Blue;
                                     (e-mat > E-May)
        STUDENT DESCRIPTION
                                       CI Students -
      USN: USUI7CSOOI
                                       < Atuabant >
      NAME: AMULYA
                                             Christal >
     COLLEGE: SDMITT
      BRADICH: Computer science and Engineening
       YEAR: 2017
                                               ているかっこう
      E-mail: anulya@gmail.Com
```

Linguing: intende: more by in - life: 100 1; [6.00 - 5:64: 1440]; lowered

USN: USU17CS002

NAME: BINDU

COLLEGE: SDMIT

BRANCH: Computer science and Engineering

YEAR: 2017

E-Mail: bindu@gmall.com.

USN: USVI7CSO03

NAME: CHENMAY

COLLEGE: SDMIT

BRANCH: computer science and Engenezuing

(Lotatust, "bx", slight) + torry }

flower & first

Los mind. " Levery ly promised design through

YEAR: 2017

E-mail: chinnay@ gmall. com

(6) Dist a PHP program to keep track of the number of Vinitor Vinitor Vinitory the web page and to deeplay the Count of visitory, with proper headings.

program6. Php

<?php

Pount 11 < h37 REFRESH PAGE <1 h37";

\$ name = " (ounter. txt")

\$ fille = fopen (\$name, "n");

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

felde (spile);

\$ hits [0]++;

\$ file = fopen (\$ name, "w");

f ruint+ (\$file, 11%d", \$hits[0]);

fclose (Sfile);

point "Total number of views; ". Shits [0];

?>

00:

REFRESH PAGE

Total number of views: 10

F106: 2193/

(9) Write a PHP program named py that declares a variable states with value "Mississippi Alabama Texas Marsachusetts Kansas". L'rite a PHP program that does the a search for a word in variable states that ends in xas. Store this word in element o of a but named following

(b) Search for a word in states that begins with k and ends in s. perform a care-insensitive comparison. [note: paising re. Jas a second parameter to method compile performs a Case-insernitive comparison. I stôre this word in elements of stateslist.

@ search for a word in states that begins with M and ends

in s. store their world in element 2 of the list,

(a) Search for a word in states that ends in a state this word in element 3 of the list. ICE WALMIN = [0] STATE

porogoramg, php <?php

Alabama Texas Massachessetts \$states = "Minsissippi DOUBLESTAD WILLIAMS Kansas";

Dinudola = [1] 231AT2

\$ Statufferray = [];

\$ states 1 = Explode ('', \$states); echo "diginal Asvray: <box's

Breach C\$ states 1 as \$i => \$value)

print ("STATES [\$i] = \$value < bot >");

goreach (Sstates) as \$state) [

if (poreg-match ('/xas\$1', (\$state)))

& states Array [0] = (& state);

Breach (Sstates 1 au Sstate) l if Cporeq_match C'/1K. * s\$1i; (\$ State)) \$ state: Array [1] = (\$state);

```
if Ground-match (1/14. * 5$1', C.$State))
        $ states Array [27] = ($ state);
          if Cporeg-match C', 1a $1', ($state))
   foreach ($ states | as $ state) !
          $ states Array [3] = ($ state);
     echo" < box > < box > Resultant Array : < box >"
  foreach ($ states Array as $array => $ value)
        pournt ("STATES [$avviay] = $ value < bois");
                        16 July William Williams
              with 189 a wind in stales that one
     Riginal Assury:
     STATES [0] = Mississippi
     STATES[1] = Alabama
                                 greet summer bank
     STATES[2] = Texas
STATES [3] = Massachusetts
     STATES [4] = Kansas
                          Kanyan
                          il ] = purvettrum 22 }
     Resultant Array:
      STATES [0] = Texas
      STATES [1] = Kansas
      STATES[2] = Manachuretts
      STATES (3) = Alabama
               Jestula Princel in passing)
   (Clamin Day 1 ) 1 4 mx 1 ) Junia Basell)
         ( June 1) = { al parentamon }
               I county in toward I though
  (House musica C. Lytin, x 2 plis, 6 + 2 mail)
             interior [1]=( filled)
```

```
(10) Write a PHP perogenam to sort the student records which are utsted in the database using relection sort.
   Goto Mysge and then type
      Create database weblab;
     me weblat;
  (neate table student (usn vourchar (10), name vanchar (20),
                   address varchar (20));
  Perogeram 10, php
   <! DOGTYPE. Int ml>
    < html>
        < body 5
           < style>
       table, td, th
              borden: IPX solid black;
              width: 33%;
              text-align : center;
          border - collapse: Collapse;
           background-color; light blue;
 table à margin; auto; 3
                      in anondere active
       </style>
      <? php
                     produce & prices = product.
         $ servorname = "localhost";
     Suiername = "groot";
 $ pausword = " root";
          $dbname = "weblat";
                         ational - purity
          Sa=[]
         11 Create Connection
```

```
Hopens a new Connection to the MysQL server
 $ Conn = mysqli-connect ($ souvername, $ username,
                      $pauword, $dbname);
Il check Connection and return an overet derviption
  from the last connection evid, if any
        if ($conn->connect - voios)
           die Cu Connection failed: ". $ Conn-5 Connect. bus
   $ Sql = 'SELECT * FROM Student"
  Il performs a query against the clatabase
      $ result = $ conn -> query C$sql);
       echo "1269 >";
       echo "< center> BEFORE SORTING <1(enter>";
        echo "Ztable border=121>";
        echo "<tor>";
        echo "USN21th> NAME 21th>
             > Address < 1th> < 1tor>";
          if ($newelt -> num - nows >0)
 Il output data of each now and fetches a result now
  as an ausocatère array
     While ($ now = $ result -> fetch-assoc()) {
            echo "¿for7"
            echo "Ltd>", $2000 ["Usn"]. " < 1 td>";
            echo "" ! $ name"]. " 2 1td>".
            echo "" Snow ["addr"]."  <itr>":
           avoray-Push ($a, $now["Usn"]);
                         1 CHEWLE COUNTRY (CONTRY)
```

```
ehe
          echo "Table is Empty";
           echo "";
           $n = (ount ($a);
                                                                                   The section of the se
            $b = $a;
     181 ($i=0; $i < ($n-1); $i++)
                                                   (++i+ 104 = it 10= if) []
                  $18=$1;
         187 C$j=$1+1; $j < $n; $j++) (
             if C$a [$pos] > $a [$j])
$pos = $5;
                          of (4081=41)1
                                     Stemp = $a[$i]i
                                      $a [$1] = $a [$pos];
                                      $a [$p8] = $temp;
                                                                                                                            SWG LALL
                     $c=[]
                      $d=[];
               $ newest = $ conn -> query ($591);
        P(($ result -> num - nows >0) 11 output data of each
                                                                                                                                                   now
            20 hile ($9000 = $ 9 retult -> fetch - alsoc()) {
                                     181 ($i=0;$i <$n;$i++) {
                                                ?{($9000 ["usn"] == $a[$:]) (
                                                            $c[1:]= $now ["name"]:
              Addition
                                                          $d[$:] = Inow ["addr"]:
             www.
                                                                                                                                 2002) FIU213
                                                                           CNE HILLORING
                                                                                                                                   11037+1-1517
        William HIX SOU
                                                                              DULLERY
```

```
echo " < bon>";
echo " < centen> AFTER SORTING < centen>";
echo " ";
echo " ";
echo " ";
echo "  > cltan>";
echo "  cltan>";
echo "  ";
echo " < ltable > ";
echo " < ltable > ";
$ conn -> (lote();
?>
```

000

Before Sorting

USN	MAME -	Address
USUITCSOII	Amulya	Bengalwin
USU17CS002	Bindu	Mysery
45V17CS005	chandana	ujire
USU17(5015	Deeksha	Kundapura

After sating

USN	NAME	Address
USU17CS003	Bendu	Mysuru
usu1705005	chandana	wine
15V17CS011	Amulya	Bengaluru
15017 CS015	Deeksha	Kundapura