SISSIGNMENT - 7

1. Write a Javascript code to find roots of quadratic equation.

L'oxml version = "1.0">

2. DOCTYPE html PUBLIC "-/IWB/ DTD XHM2 1.1 11 EN "https: --...">

Zhtml xmlns = " unk" >

Lhead >

<title> roots. html </title>

4/ head >

Zbody style = "bgcolor : black color : yellow">

(Script type = "text Is">

Var a = prompt ("Inter first number");

Var b -

Varc =

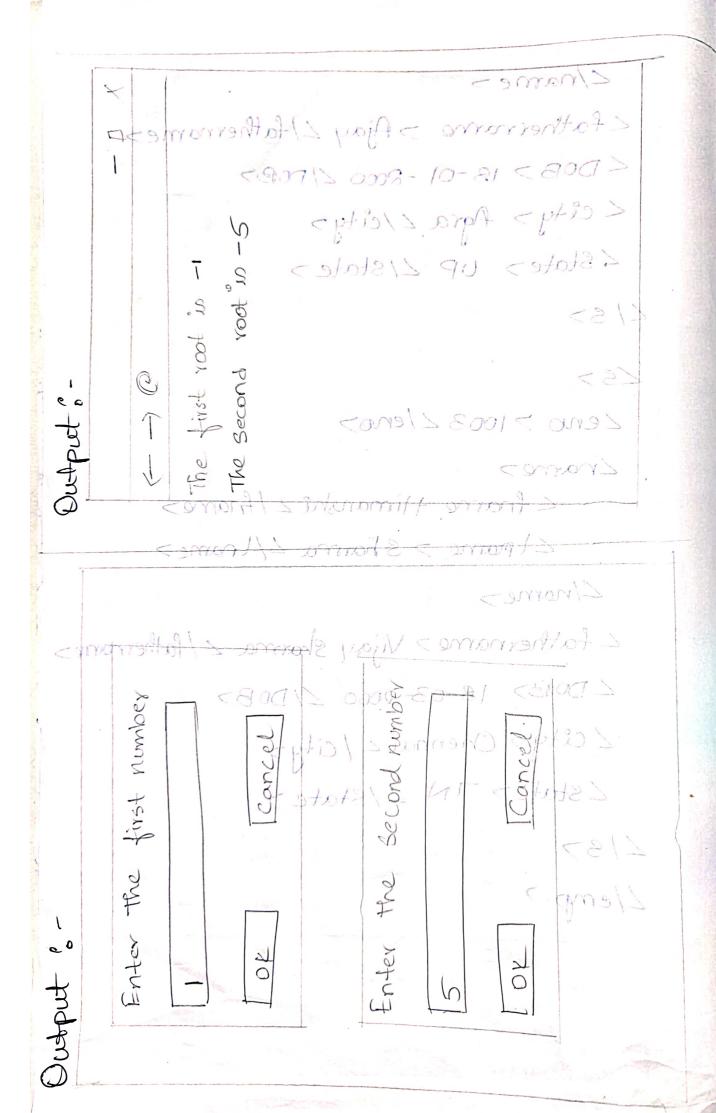
Var root-part = Math . Sgrt (bx b-400Aaxc)

Var denom = 8.0 + a;

Var root 1 = (-b+ root - part) /denom.

Var roota = (-b-root-part)/denom:

4/body>



```
2. Develop and demonstrate a XHTML
  file that includes favoscript for
   Input: - A number of obtained using promp
   Output: - check the number ès palindrom or
          not and find sum of digit.
  <?xm1 · Version="1.0"?>
  C: DOCTYPE Hom! PUBLIC " Linh" " https: ... "
  <html xmlns=" link">
  Chead >
      Ltitles Palindrome 4/4/11e>
  Uhead>
  Cbody Style = "bgcolor : black ">

LScript type="text Javascript">

  var o = Number (prompt ("Enter the number"));
  NOUX = N:
  Var revio,
  Var remio,
  While (n>0)
      rem = (n%10),
      ren = (sen x 10)+sem:
      Sum = Sum + rem :
       n = porseint (n/10);
```

A (X = = LEN) document. Write l'The given num +x+" document. write (" The sum of given to "+ * +" in "+ Sum), else 2 document. write ("The given rumber 4+ 1°(5); 2/script> 2/ body > Z/html>

F- FURMINALIZE

I write a javascrept code to first rate of motoups stoyboup TO 15 UN " DISANT TONTA STUTTOS 1.1 J. XI 11 FM " https: --short " - entrar Imta's Cottill / Inda adon! < and state of the s given number Number given number 7 28 1/20 12

```
3. write a Jova script program to change
  the border of the table based on user
  Input.
   < 3 xm/ Version = "1.0" 3>
   < !> DOCTYPE html PUBLIC = " " l'UNR">
   Chead >
      <tatle > Border 
   C/head>
  < body>
      < script type = " lext / Javascript">
      var bordersize = prompt ("Select a table).
                      " o (no porger)/",+
                      " 1 (1 pixel border )n"+
     Switch (bordersize)
      3
      Case o "document- write (" ");
                 break:
      Case 1: document vorite (" Ltable").
      case 4 , break ,
```

défault : document - write ("Error Invalid) document · corite ("Zcaption > 2006 NFL"); document. write ("Ltr"), Zth1>, American Conference 4tr> Zth > chicago bears < /h> Ztr> Lth, West Z/th>", San Diego ; 2/tr> 4/table>); 2/Script> </body>

</html>.

× 1 x 4 m Marin ant I a tigner . I some mus one of others o troop was ~ (m + + " no " 1- + + " -Dimeri novig entil et iron linamensos Notional Corder . 123 + + + " Divisiona American Centeren Concel Select a table [[]] 2000 MAL D 下 t at East Worth Pole. html

5. Create object for student which includes name of Studend, regrum, age, marks, atleast & hobbies. Display all details of Student and Calculate total maxks, average and result. < POCLABE HAWIS chtml long = "en"> Lhead > Lteffe Student 2/title> 2/head> Zh 3 "id = hame" > Zh 3 id = "regno" > LScript> Const student = name = "Ram"; regno = 201111113; age: 30; eroups: 3 SUB1 ,80 Suba: 70

5063:60

```
hobbies : }
           one : " coin collecting";
           two: "Stamp Collection";
document. get ElementEd ("rame"): inner HTML;
document, get Element ("regno"), inner HIML;
document. get Element Id ("age"). inner HTM L-age,
document. get Element Id ("hobbies"), inner HTML
 avg = tot[5;
document. det Elewent Bits ("total"). inner #IMP
document getflement By Id ("average") inner HTM2
    "Average: "-1 avg.
      Var result = " "
    of (avg >75)
      ¿ result = "Distinction:"));
     else if (avg >35)
        32 result = "pass");
      else
result = fail:);
```

Insbuta A water no pulgeril. n Jolot , stamp collection Subjects Name: Ram Regno: 201111 Agr: 30 [Hobbies: Coin, Result : pass marks in 5 Average: 600 4 302 file1. htm

6. Javascript to Search an element in an array of size N also find Second largest number in an array. C; DOCTYPE html> <html lang="en"> Chead > Correta charset = "UTF -8"> Zmeta http: "> Zmeta norse: "viewport"> Ltitle> Document 2/title> 2/head > Lbody > \(\langle \) \quad \(\text{Lobel for = " " > Enter array by common \(\text{Lobel} \) < 800> L'input type = "text" name = "aro" id=arrestr's COY > LScript> function SecondMax (arr) Var max = math mox apply (null-arx); an · Spice (arrointextof (max), 1);

```
function Compute ()
    Var arrsty = document. getflement By Id
                                    (arrstr)
     Var Key Element = document. get Elementita Value;
     if (arrstr = = " " Il teyelement = = " ")
       alert ("Enter Both the field");
        retenn:
    Var arr = arrstr. split (',');
     Var index = arr index of (Keyelement);
     Var Secontmax = Becond Max (arr),
     Var Sh = document. getElentbyId
     Sh. mnerlAtm L="Second maxis"+
     Var sr = document get Element By Id ("Search").
     if (index! =-1)
     St. inner HTML = Keyelement is found
     indeq" Tindea;
   else
      BroinnerFFM2 = Keyelement + "in not found
  </script>
 2/body>
```

<t

Javasoriff to search an element in an ni sortmer togora entro rogens (") remapor Seaveher 49 Seperated Des/-08, 7, 4, 97, 80 array man ff (e5 , ham Scord 2 いかいい はなるがのかのうらいはる