Assignment no :- 04

Topics covered : - - Janus ipt object

- Document object model

- Event hundly

- Exception hundry

Date of performance: - 23 - 09-21

Evaluation Criteria	Marks (out of 3)	Date	Signature of Instructor
Punctuality	03		
Problem solving technique	03	22-91-21	1
Attainment level (out of 3)	03		

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Assignment NO-04

Page No.: \_ 023 Date:

QI) what we javarript object? list of all the built in object with example.

=> PA Javariph object is an onthy having Struct and Gehavior

for example in Toward PL

- car, pen, bike, chair, keyboard, monitor, etc

considered as an ociect-oriented language + Eventing in Javanipt is

O I quantity in templete unique en acceptant formation of the contract

Examples of ociats =

i) Booleans

U) Arrayo

ii) Humber

VII) function

roids (iii

in Raeswear espossion

· creating object in javassipt 8-

Theore 3 way to create oriect 1-

17 By Object literal

2) By creating instance of ocject

STATES - VOY DE GERRAINE

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3) By winy constructor

We share the second will be a second and

FO = 141 + 019(0) (1) 88A 1). Javassipt oglact 6+ 06ject literal - prospect evide monder disco

:- Object = of property 1: Value 1, propert 2: Value 2.... Pto Pertyy: Value IS THE O = DEPORTED EXPLANT GOOD WAR BOND Suntax

Ex. (soipt) emp=+id:01. name: "Hayaik dadas" 3alany: 1,00,0003 document. write (emp:jd+1 "+ emp. name +" " + emp. salon);

K1501PH)

TUNI LEDI CHE CECHUNE MENDEN PROPERTY PER OWARD = OI HONNIK dallo 1.00,000

Tavassipt object By Instance of object west the plans have been to create ablact

Syntax: Var Objecthame = new Object()

CL THE W

EX. & SoiPt>

e var emp = new object ();

emp. id = 02

emp. nome = " Priyush KHobrayade" >

emp salon = 10,00,00

document. worthe (emp. ia + " " + emp. name +" " emp. salony");

(Hostode II

2/soripts

at the circumstance of the output = 02 priylish kho6x44 ade 10,0000 (Accredited by NAAC)

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Page No.: 622 event to honeron bit

ear ful oniting in amount ocio

3) By using an object constructor

WILLIAM PAD Keleson - The "tendo" key coord retens to current oried

Ex. LSMP+>

& function emp Cia, name, saloy )

this iq = 14;

this. name = name;

this. salary = Sayary;

e = new emp ( +03 " Rupesh K"; 1,00,00);

doument conte (e.id, 4" " e id name + " " + e sum)

1155/PHY

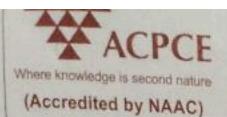
Output = 03 pupeon k 1,00,00

with Build In Object

( String object = var val = new string (string)

1) Array object = ran comygame = new Array (size).

ex. Now any = new arm (5);



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Page No.: 25

Date:

2) what is nocument orient model? explain it level so properties.

The entitle html document is represented by the document orient.

The html document become document object when it is lowly in the the Year element represent the html document. The document orient has proportion and Method. The document object hours to and content dynaminically in war page.

- Hierary of Objects in web gocument

Document ociat model (nom) is to method by which the content of document is a ccessed and modified in a wee accument, to organization of object is implemently in a herrach, Strutum.

· Domlevey:

Jul Dom provides Javaniph with an the feature it needs to senerate dynamic HTML:

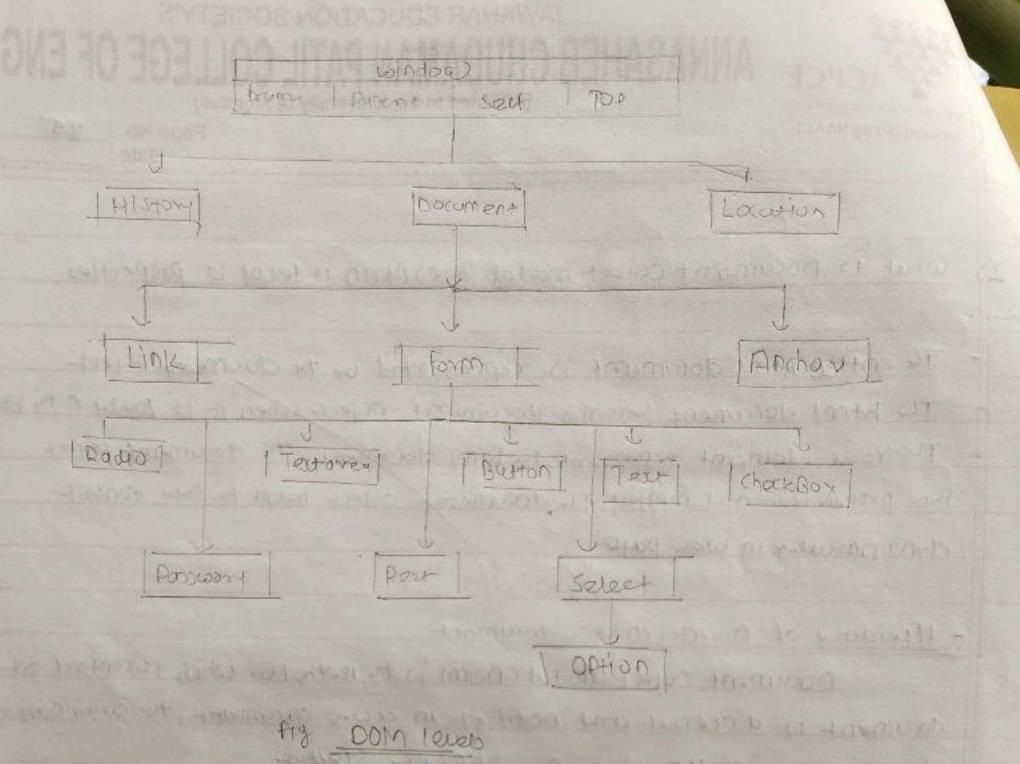
the second secon

Country of Order of House

- change can be made in all HTML element
- Change can co made in attribute of HIME element
- Change can be made in any coo style in the part
- Existing Him element and autoriclete can be delated
- Mew Him c element and cutsique can be toughded
- Response can be siven to HTML event.

and attenued controls of the models

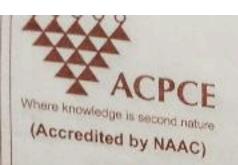
- Mew HTML event Can be created in HTML page.



# · Properties and method of Document object

\$30	Method 1 Properation	Berription
1	value	Returns vaya or specified fat fiel
2.	write ("spring")	write the specified spring in the document
3.	writeIn('Sminy")	write the aspecified string in the document with newline character at the ent.
	wielek se on she	with newline character at the en
4.	get Element By Ides	Netwood the element having the special if
5	get Element Or Hamel)	hame wall element having the specific
6.	get Element By TayHamas	Return an the element having the spainting
7.	gattlement Orclan Hamer)	Return any try elements having try specific

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Page No.: 20

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O-3)

Explain the event handler in javassipt? in list all type of error and Explain themor with help of one program.

Event handling:

· Events are to action performed of the end war while braining the website. For example mouse move or moun click on the buttons.

when an everet is fixed , objects an miggest which are anackety with that spatific event

· Events an bankary classified in four categories:

## classification at even ts

- -1. window events
- 2. Mouse events
- -3. Key6amy even to
- to form events

1.7 window Events:

Thean are various types of events associated with window.

- i) On Loaq triggered when a new page is starting up
- ii) on unload : Miggerey when a new page is shutting down
- iii) On Resize: Briggers when a page is Essized
- in onmove :- trister when a page is moved
- v) on Error 1814er when an error occur

## 2) Mouse Even H:

These are various type or events associated with moun

- i) on Mouse down: trigger when mour button is pressed on an element-
- il on mouseup: trigger when mouse button is selesy
- iii) on mouse move 1 trigger when mouse point is moved at the pointer
- in out of an elem-
- is onclick 1 migger when mouse button is clicked once

# 3) Keyboary Events!

Then are varios type of events associated with keybory

- 110100

Les carries by

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is onkey down - Triester when a key to propry down

ii) onkyup - Myye when a ky is Edary

iii) Onkerpron - Triqqv when complete key sequence, down prop to up.

### 4) Form events

There are tollowing type of events associaty win form:

- i) On Rost triggers when the most outton on the torm is clicky
- ii) onsubmit triagon when the submit cutton is clicky

the property of the party of the second state of

(ii) Onselect - tribber when a contempt is selected on a page.

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IN SAIL CO STAND O GOAG VOLENT

THE WAS IN COUNTY TO TO TAKE THE

THE TOTAL THE PROPERTY OF STREET OF STREET

ACPCE ANNASAHEB CHUDAMAN PATIL COLLEGE OF ENGG (Affiliated to the University of Mumbai) Date: #code : I CAMERING OF BELLEVIEW OF PROPERTY Lhtmly 4 body> DEAL PRINCIPLE THE SHAPE STATE OF THE PROPERTY the iid = "myid1" on mouse good = "tunio" on mouse up = "tunio" > (lick the text 1 4 1 h 2) vone le boer . 2 STIPTY function funito 3 as a manual of works a state of the document gettloment By Id ("myi41"). Style color = "614e"; function fun 2033 as an aspe of works aminous (C document . Set ElementBy Id ("myid1"). Style. Color = "6190K"; 215ript7 ×16091) YIH+MI) more transferred and more transferred OWPUT PLEASE - CALL TET - CALL - FRANKING Similar delined a cole cicle technique to

Click the tout

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The state of the s

0.47 What is Exception handing in javassipt; in 11st all type of error and explain the error with help of one program

= 1 "Exception handwisy is process or method used for handwisy to a according them! It also chacles to handle to flow control of the core I program.

## · I ype of emor

while coding ther can be three type of error in ty code 1) syntax error: when a cox make a mistake in pre-actine syntax of a programming language, a syntax error my epprendent of a programming language.

- 2) Runtime ERROY: when an error occur during to execution of to
- 2) Loyical Error: An error which occurs when there is any loyical mistar in the program that may not produce the desired octput, and may terminate agnormany.

## · Throw, and TEy ... Catch ... finally

The try Statement defined a code block to run (to try)

The Courch Stretement defined a code block to hundre my emm

The Hinary statement defined a code block to run restandens of the result

The Hinary Statement define a code block to run restandens of the result

The Hinary Statement define a costome emm

ANNASAHEB CHUDAMAN PATIL COLLEGE OF ENGG. ATION SOCIETY'S Where knowledge is second nature (Accredited by NAAC) (Affiliated to the University of Mumbai) Janx Lad 11577 Operation Bassar Page No.: 08 Date: (Html) Charles and second thead) Exception Hundring (16m7/1heat) (body) which was the Communication of the state of 181 3 Var -q= [ "34", "132", 5", "31", "124", 45", 671]; 119 is army document write (a); / aising HANDE THEFT document write (6); 11 undefines 3 rate in (e) 3 altert ("Thorais error which shou" te menage); I handing on 3 MILE COMMENTER THE COMMENT YISTIPHY HELPENE THE EDINOIS TON SOR IT (S 2 (60dy) TOV FURNISHED VOT YILHMI> Exception Hundy all was about Not & 34 32 5131 24 (1, C) Janet Diebyans Contract Countries of the Sugarase Countries THE SHADOW STRUCK ENGLISHING

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Cacus	Dit does not provide any support for numespace	it supports namespaces
de Ned O'A	@ JSOM HIR are leasy to read as	more difficult to real 20 interrupt
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