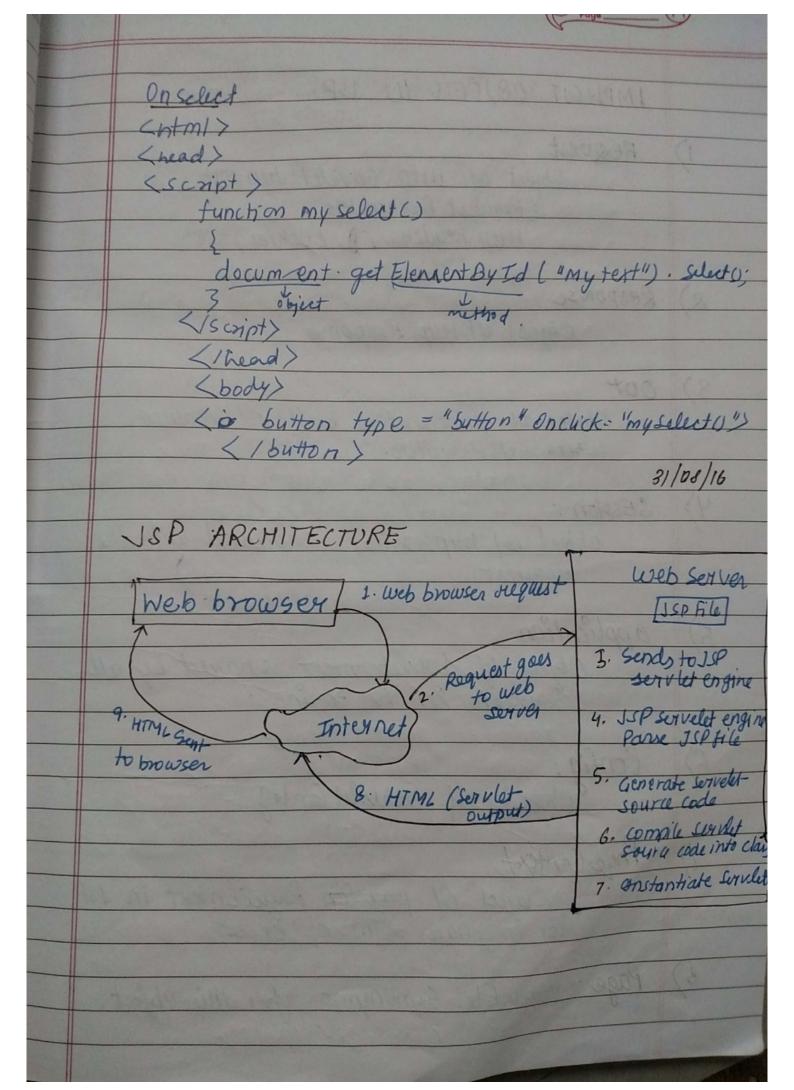


Onload Function load image () alert ("image is loaded"); (ing src="Pic-jpg" onload = "loadinage()"

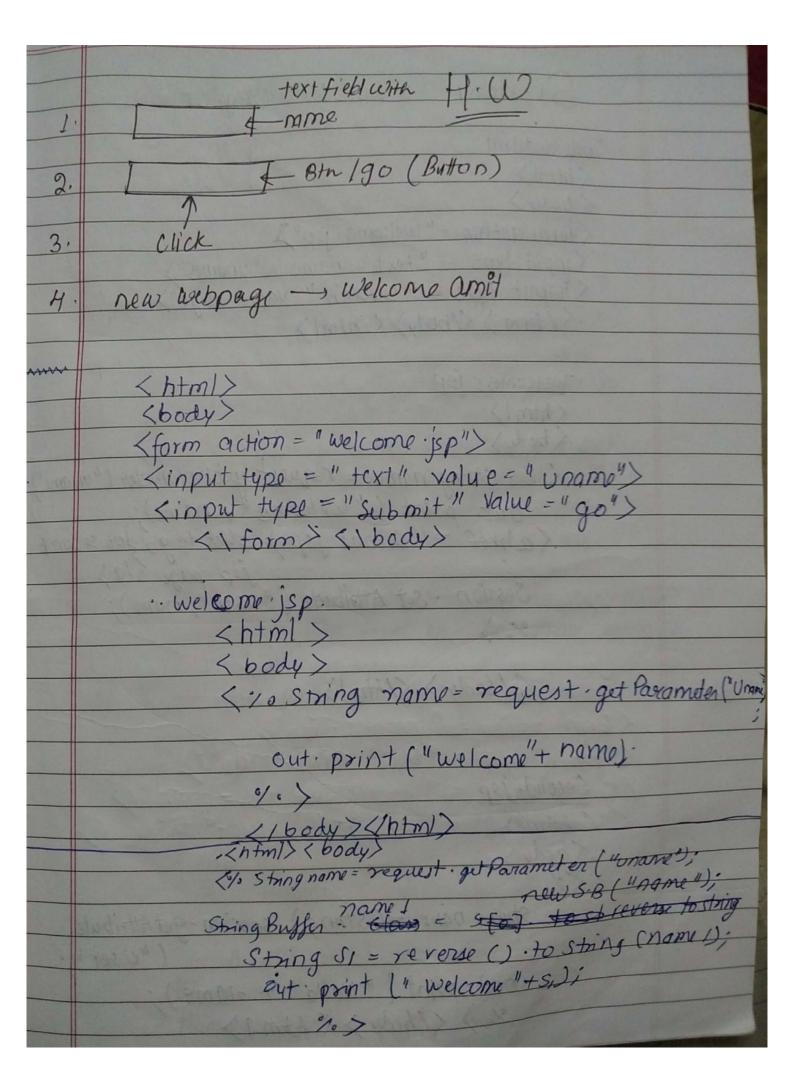
width="100" height = "130"> 4501pp < body> (/ body) (/ head) (Jscipt) On select (html) (head) (Script 7 function myalert() (Script) </head> Cinput type="text" id="myfext" value=

"som...text"

Onselect = "my alert ()")



	IMPLICIT OBJECTS IN JSP
1)	Request of Http Servelet request Object of Http Servelet request (Request Parameter, Http headers; O cookies)
2)	Response Object of HHP Response
3)	Object of printwriter buffered version. When USP writer.
4>	SESSION: Object of httpsession associated with the Request.
5)	application Object of Sexuletcontext shared by all Sexulets in the engine.
6>	Config: Object of Servelet Config.
7)	for a single point of Pagecontext in 1SP
6)	Page · Variable synonyme for this object.



```
ESSION IMPLICIT OBJECT
index. html
 Sorm action = "welcome jsp" >

Sorm action = "text" name = "uname" >

Sinput type = "submit" value = "go">

Sinput type = "submit" value = "go">
    </form > </body> </html>
    welcome. 13p
     <html>
     (body)
     (body)

(1. String name = request. get Parameter ("unami

out print ("Welcome" + name);

(ahref = "Second. jsp ) alick to go for second

jsp page (1a)

Session. Set Attribute ("user", name);
          (/body > (/htm/)
  Second. isp
 (htm/>
  (body)
         String name = (String) session-get Attribute
                                                                 ("User ").
           out print (" Hello" + name);
```

ERROR HANDLING & DEBUGGING Error handling for isp pages can be performed Pn various ways. a) Error handling from within the page; tor JSP page that require more intricate error handling or recovery, a page can be written to directly handle error from the data bean thrown by the tatabean or it can check for error codes set within each data bean, depending on how the data bean was The JSP page can then take an appropriate sucovery action based on the error succieved b) Error ISP page at the page level A JSP page can specify its own default exception occurring within it through the JSP error tag. This enables a doll page to specify This own handling often error. A JSP page that does not contain a dsp error tag, will have an error for through to the application level. Error

EVVOV it must call the July helper class to roll back. The current transaction. Error JSP page at the application level.

An application under websphere can specify
a default error JSP page when an
exception from with in any of it servelets
or JSP pages occurs. The application level error ISP page can be used as a store level error handler. In a application level error ISP page, a call must be made to the servelet han helper class to rollpack to Current transaction. index. jsp 89 <form action = "process · jsp"

<input type = "text" name = "n;"/>
<input type = "text" name = "n2"/>
<input type = "Submit " value = "divide"/>

< 7. Q. page error Page = "erro" 1. > String num 1 = request get parameter ("n1");

String num 2 = request get larameter ("n2");

"n+a = Integer parx Int (num));

"n+b = Integer Parx Int (num 2);

"int c = a/b; out print 1" division of number is 1+0. CONTROL CONTROL SHARING DATA B/W JSP PAGES Any real application consist of more than a single page, multiple pages often need acess to the same information & server side ses ources. When multiple pages Crossey the same stequest.

The page that substitutes the data the user asked for and another that

displace it, their must be the way to pass tata from one page to another. In an application In which the wer is asked to provide information in multiple steps, Such as an online shopping application, there must be the way to collect the information received with each request and accen to the complete set when the user is ready. Other information or surveres and to be share among multiple pages, & all users. eg: Information about currently logged in wers,
Data base connection pool objects, & Cache objects to avoid frequent database tookups. Passing Control & data b/W Pages One of the most fundamental feature of 15P Technology is that it allows for separation of request processing, Buisness logic Cr presentation, using the MVC (MODEL VIEW CONTROLLER MODEL). As you may can be assign to different side of server Component SSP pages are used for both the composition of view roles & the model role is placed by either or bean or a 1sp

page, p The different espects of ISP application can be categorized as: · Display the form for user i/P (PRESENTATION) · Validate the input (REQUEST PROCESSING & BUISNESS! LOGIC) · Display the result of the validation (PRESENTATION) SHARING SESSION & APPLICATION DATA The request scope makes data available to multiple pages processing the same request. But in many cases, Data must be shared over multiple request. Inagine a travel agency application, & distination enter to book the flight so that the constomer does not have to renter the information when its time to make noted & runtal Case ruservation.

This type of information, available only to seequest. From the same week, can we share through the session

SLODE.

Supports access to this type of shared information through the application scope. Information saved in the application super by one page can later be accessed by another page, even if the two pages curve requested by different user. eg of information typically chare through the application scope are delta base Collection cool objects, information about Objects that avoids unnecessary database Queries for data that is same for all users. Service Doget Dopost

