## Units mobile Web Development

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&) What is mobile of first ? Explain the concept of mobile web?

Desktop, smartphone & tablet are howing different screen size or & user experience to website or application too.

oIf the clevelopers designs website or web applicator, for for desktop screen size then it is very difficult to design for mobile devices such as smartphone, tablet etc. for mobile devices before

Designing & developing UI for mobile is known ay.

designing for web or any other device is known ay.

Mobile - First approach.

## what is concept of mobile web?

- · The use of internet can be through vorious ways such as laptop, desktop 2 smartphones.
- · The internet can used through wirless or wired connection through this devices.
- · most of the time user uses internet on their mobile devices because it is easy to use
- · mobile devices or smortphoned are movable so its flexible to access internet or web content on the go.
  - The use or access of internet 4 get web content through mobile devices is known as mobile web

9] what are mobile devices? Their types  what are desk top devices different types  nobile devices refers to smootphone. I  compact version of computers.  They are handled stattery-powered, mostly with touch screens,  Types of mobile devices-aro-  smootphones  Toblets  Smoot watch  fitness bands exe.  i pod etc-	GJ what is j guery mobile?  J guery mobile is touch optimized web from every.  J guery mobile is also known as mobile from every.  which is an open source cross-platform from every.  Jt is used to build responsive web application.  that works on all smartphones, tablets, and desktop  This based on HTMLF, css3 & j guery.  J guery mobile helps to create mobile app only using HTML & gavascript.  Jt follows the "write less-do more" principle  'You just have to write the code once and it
Desktop Devices  Desktop Devices  Desktop devices cannot be move from one place to another place easily.  They are large & heavy  The web content are larger in fit toscreen display  These devices are designed for heavy use such as programming in offices. Coming designing etc	will work seamlessly on Android, iphone, ipud and other mobile os. The same code can be run on web browsers. Such as Google chrome, safazi on your dasktop.  features of J guerry Mobile  Accessibility -> from any website we can access website or web app easily  Lightweight size -> It is lightweight  Responsive Desigh -> Adapts to various screen sizes.  Touched Optimized UI -> Supports U7  Supports Ajax -> Page seloads Dynamicalry, without refreshing whole page.

· areat simplicity & usability =	@ BJ Difference between jg	very Liguery mobile.
. The javery mobile framework is easy & flexible	S 2 Madrille 8000 33	O .
	Jovery Jovery	jquery mobile
Advantages	O Javascript library	mobile web framework based on j guery
1) Easy to learn & use if familiar with HTML, CSSETS.	2 Used for desktop website.	Used for mobile 4 tablet-
2) Saves Time.		friendly website
3) Device Independence (one code for all devices)	No build in mobile UI component	G'Has built-in mobile UZ
4) No installation needed	519	components.
5) One can Create custom theme without writing the line of code.	O Needs extra CSS for responsive design	Responsive design is built-in
(1) sadvantaga	S Light weight & Faster	Heaviez due to extra fealing
Disadvontages  O Slower Performance	No default touch support	Touch support is built-in
@limited Coustomization	De Suitable for general web development	Suitable for mobile-fish web development
3 Not used for modern projects.		y
@ Slower application on mobile devices.		
(5) Limited options for Css themes		

Glishat is CDN dhow it is powerful in web devlopmed.  - CDN stands for content delivery Network.  It is group of servers placed in different location around the world.  These server store & deliver website like improvided in the	<pre> Zhtml&gt;</pre>
data from the server that is closest hother user  How CPN is powerful in web Development  J Faster loading.  2) Less load on main server  5) Can Handle many users  4) Always on lino.  5) Safe & secure.  6) Sawes money.	Loliv data-vole = "page" >  Loliv data-vole = "header" > Chiv data-vole = "header" > Chiv data-vole = "content" >  Loliv data-vole = "content" >  Loliv data-vole = "content" >  Loliv data-vole = "footer" > Chu> footer / hh> (Idiu> )  Loliv data vole = "footer" > Chu> footer / hh> (Idiu> )  Loliv data vole = "footer" > Chu> footer / hh> (Idiu> )
BJWhat is content? Write a code to creat content divin j greary mobile.  In Jguery mobile, the content area is the part of the web page whore main info is shown.  It is placed been the header & pooter.  Of holds text, images, forms, buttons, etc.  Syntage & div data-role = content?	Themal >.

3) What is Navigation ? write a code to navigule form one page to another page (div data-sole zpage"; d = "page2" 7 Kdivdata-role="heoder")Kh17pagezK/h174div7 in Tobery mobile (dividedo-role = "content") <a mef: "#page1" class="vi-btn".back to page12/a) -> enovigation means moving from one page to another in a website of mobile app 2/div> · We can create navigation with button click or a tag hard property to now page. 21div7 2160dy7 · In Iguery mobile we can navigate using </html> <a href = "#"> 9) What are widgets in I gueray anobile? List any five. widgets in jourcy Mobile & Explain any two in detail. Coll · Widgets are the controller in journy mobile. 21 Doctype html> . They are used to design from its F, popups, tablets. chtml> a lodary more components in web apps < head > Chitle 7 Navigation Exclinter some of the widgets are < link ref="stylesheet" mcf= "https://jode.jg.com/ 01) Button mobile/jquory.mobile-min.css> 2) Naubor Escript Brc = "https://code.jquery.com/joscript7 3) Slidez < script src = "https://code.jquery.min.js > //script> 4) Check box 2 ( wady 5) popup <body7 6) Table. < div. doter-role ="page" id= jpage1."> Ldiv daterale - "header > < h1 > page 1 < /h> > Cldiv> < div data-role . "content" Sa Noet = page 2", class = "vi-btn" > Go to payellas

<b>一个人们是在一个人的人们的人们的人们的人们们们们们们们们们们们们们们们们们们们们们们们们们们</b>
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2)Navbae
· Naubaz is used to create menutates or links on a page
. It helps the user manigale bet different sections or proges
<u>Code</u>
Doctupe htm 1
< html> < head>
<pre></pre>
Settlink bel
Script src = 1:11:3 js < (script>
Script src = 1.4.5.min.js
£/ha a/\
< pody>
- 111 Clore 2010 - 1-21 11 12 - 1-2000
Call data-role = "headaz"
< ldiv7
Zdiv data-role = "Content" >
Cdiv :dader-role="Noubar">
ζυ! γ
> Li>La hort="#"class="vi-btn-active">Home (/v>(1);>
Slighted <117 (a href="#" > sewices
11:7(a has = "H"> (ontage)
2/017
> < Idiu >
Sidiu

nobile with
SI Explain any 3 events in j guery mobile with
example
-> . Events in Javery Mobile are action or
according that hamen in web preget
clicking a botton, opening a page , wiping the screen; etc.
custom code to perform some tasks like
· when these events happen, you can write custom code to perform some tasks like showing message, loading content, or changing style.
1) Pageireale Event
< script>
4 (document). on ("page create", '#my page: function() (
alext("page created)");
3);
< lscript>.
Triggerd when page is created in DOM
2) pageshow Event
Triggered when page become visible to user.
Escript 7
v
f(document):on ('pageshow', #mypage', fundion () {  (onsde.log('page's now visible");
, 377
(schipt>.

```
$(document).on(p"click","#My button", function() {
      ded ("button clicked!")
OJWhy CSS is important in designing mobile
  Websiles? Give on example of Css Class used
  fora mobile website design
 > Css is very important in designing mobile
   Website. be cause of
```

1) Responsive Design. 2) Consistant UZlux. 3) Faster loading 4) Improved readability

3) StClick Event

2 script 7

LIscript

5) Touch-Riendly Design 6) Coustoms typing

· JQuery mobile homowork uses different classes to closign web page copp

- · Ui-corner-all To make elements in with rounded corners
- · vi-shadow To display shadow of element
- of element.

- oui-mini To make claments smaller
- · UI-15th To shows element as botton style.