Bootstop 5 # Introduction :-Southerness der salufage to disconstruct tools. It is used to used to responsible mabile - first websites quickly and efficiently # Refination :may brothered suid-redesignor a cin quitestood work that includes HTMI, CSS, and Javalley Components. It is designed to help developer this estidant terif-elidam, evilageore believe pre-designed components, and utilities for type grapy forms souther manigation and other # History: -- Groated by: - Mark Atta and Treat thronton - Initial Purpose: - To maintain Consistency across internal tools at twitter. Public Release: - Tit was made open-Source
Later in 2011. Evolution: - Over the years, bootstrap has undergone Several major updates

by bootstrop 5 in may 2021. - Bootstrap 5 Highlights: · Removal of Journy dependency.
· Introduction to a new willy API.
· Enhanced good Systems with more verypossive breakpoints. # Installation: -Bootstrap 5 can be easily installed in multiple ways, depending on your project Setup and needs: 1. Win CDN: - The easiest way to include

Batstrap is by dinking the

Afficial CDN (Content Dalivery Notwork). Add the

following " dink > and " & Script >" days to the

belowing < head > and before the closing

chady tag of your HIML file respectivel Bootstrap CSS -- link hard = "https://cdm. isdeliur.ret/npm/ ubatstrap @ 5.3.0 / dist / css/ abatstrap.min.css" sol = "styloshoot" > 7.7.0

Pages Date Bootstrap JS bundle with Papper: <8cript soc = https://cdn.jsdolinery.not/hpm/chatelon</p>
@ 5.3.0/dist/js/britstap.dendle.min.is x/pript 2. Dourload and Host Jacally:

Jour can dournload the bootstrop files from
the afficial Bootstrop website and fast

them Jacally. This method gives us full
costad over the files and callow for
offline development. 3. Using Package Managens: - npm: Run the following command in your project "rpm install bootstop @ 5.3.3" - your : Run the following Command in your project Your add aboutstrap @ 5. 9.3" 4. Sass Integration:

The your want do customize Bootstrap with Bass, you can install Bootstrap win remarks or your and then impost sos files into your project. This allows you to modify Bootstrap

"import" rade modules bootstrop /8028 bodstrop" # bety Use Bootsterap? strap howwooftheinthe born took red renderline to from Responsive Design:
Automatically radiguets dayouts for different server sizes, enduring a consistent expairement on desktop tablets and mobiles. the resp Castomizable :-Though it provides a defoult style.
Bootstrap can be customized do match the
design needs of your project. togion Community Support:—
A Jarge and waters armountly provides
extensive documentation, dutarials, and third
-party themes. project # Advantages:-Time - Daving: Bre-built components and styles Sauces
doudopous time. Childen n and 18 terapo P.7.0.

- Consistency:
Pravides in consistent design across different
brawsers and devices. Responsive Goid System: That Supposts
A flexible goid System that Supposts
up to 12 Calumns across the page
making it easier to design complex depost Extensive Documentation: Comprehensive documentation Aelps weeks
understand und cimplement features. - Large Ecosystems: - A cuide example of themes, templates, and plugins are duallable for Batstrap. ## disadvantages: Cremeric Design crebeites abuilt with aboutstrap can dook
Similer if not customized property. - Locarning Lurue:
While Bootstrap Dimphifies in dat of dall

Jeanning call the whitities cand compandent

may dake Some time. The cinclusion of unused components can

Pages Date gritseffer seite elif regral en at book egog towns - Dependency on Bootstrap Classes: -Heavy reliance on Bootstrap classes con make the code less semantic and harder to maintain. yout # Bootstrap - Layout. 11 Breakpoints: Breakpoints are cestamizable widths that determines hour your responsible layout behaves across devices as viengest Sizes in Bootstrap. Bootstrap includes Six default breakpoints
Sametimes responsively. These breakpoints and
building responsively These breakpoints and
be customized if you're using Bootstrap's
Source Sass files.
Breakpoint Classingin Dimesions
Extra small None Available breakpoints dosk 7576PX Small 71768 PM 7 992 Pr Medium Soral potest 7/1200 Px SCT 7/ 1400 Pn Mary spral potent popers

21 Containers: existind later molecule a sea exercitoral back of sould applicate took of world poststand by stook of sould sind another sound residence of the sound of the season of the or viewport. Hour they work wast basic layout show in bootstop and are required when wind Botstops & default grid System Containers and Colombia; and Colombia; and Colombia; center the contact within them. Bootstrop comes with three different contains · Containers which sets a max-width cated · Container - Edoreakpaint, which its width: 100%.

untill the specified bereakpaint. · Container - fluid, which is width: 100% at The stable below illustrates how on each container's more width compares to the origin · Container and · container - fluid across dach

		Pages Oate						
		enny hong plate	Extra Nall X76FX	8mall 7/5767x	Medium 7,768Px			XX-Large 7/1400 Px
and	en questa	Container	100%	540Px	720 Px	14-	11407	1320 Px
200	- kinth	· Container - Sm	100.1.	540Px	720 Px	9.60 Px	1140 Px	1320 Px
	4.1	· Container - 19 · Container - xy	100.1.	1001.	1001.	960 Px	1140 PX	1320 Px
treme	Mo al	· Container -xx1	100-1.	100.1.	100%		100%	1320 Px 1320 Px
eries		Container - fluid	100%		100 17	100 74	(50 //	10077
genré	3)	Gorid Disco	tems	2	Toler.	T Bed	alapas"	
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	111.	Bootstrap's .	grid Break	Suppo	ete	Sin	sed on	min-
ad mod		that break	point m-4	und condi	lla ot es	Those sm, m	regla,	andren).
		This mans Column Sizio	Ign on	nd bel	havior	by de	ach der	eakpainta

Containers center and horizontally pad your content Use Container for a susponeive pixel width Continer - fluid for width: 100% achoes will viewport and devices for a responsive Container (e.g., container-md) for a combination of fluid Rows are wrappers for columns. Each colling has horizontal padding (called a gutter) for control the space between them. template columns available per how all 12 template columns available per how salvations of elements that from any number of columns. Column classes indicate to the number of of template column to span (col-4 spanspur).
I widths are set in the powentages do we calways have stome relative sizing. Crutters are also responsive and austonizable. we can change horizontal gutters with gr-x classes, vertical gutters with gy-x, or all gutters with gy-x, or all gutters with gy-x also available to remove gutters. Graity options Bootstapis gold applien System can adapt all Six adaput breakpoints, and wany breakpoints Jour Customize. The six default gold Tiers are

· Entra Small (Ms) · Small (8m) · Medium (md)
· Large (My)
· Entere large (xx)
· Entere Critica large (xx) As noted about, lach of these breakpoints face their own container, unique class prefix and modifiers. Here's hour the grid shanges across these breakpoints: 18 8m md dg nd nnd 4576Pn 7/576Px 7/768Px 7/992Pn 7/1200Px 7/1400Px None 540 Px 720 Px 960 Px 1140 Px 1320 Px (auto) Container (man-width) ·col- col-8m- col-md- col-1g- col-x1- col-xx1class prefix # of columns 1.5 rem (.75 rem on left and right) Cruther width Custom gitters vestable yes Column ordering yes # Bootstrap components. Bontstrap comparents are pre-styled UI element like butters, forms, nautar and more built M with HTML, CSS and JavaScript. They provide a points Consistent and responsive design frambook, عاد

Pages Date Note: - we can also use btn class with <a> or <input> elements (though some browsers may apply a slightly different rendering). Outline buttons:
In read of a button, but not the help bring?

Replace the default modifier classes with the outline + except tink: Show the types of section to the section of the secti Boststrop's rands promide a florible and entensible content container with multiple variants and options. To use them in a simple way gust
go to the bootstray documentation page
and solect a wholever cord you dike and
add some customization to it (if you want) Note: - They have no margin by default do use spacing cufilities as needed. 3. Carouse! :-A Slidestrow element / component for cycling.

Abrough elements - images or slides of

text - like a carousel.

Pages Date It is a doubt with C&B 3D transforms and a bit of Javascript. It works with a series of images, tent or custom makey. It also includes support for previous/nent controls and indicators. Nested carousels and not supported for should also be aware that carrousels in general can after cause usability and accessibily challenges. To, use them just go to bottstrap documentation and select the one whatever Toggle the visibility of content across your project with a few classes and Journalistic Plughas. Buttons or anchors are used to specific elements you toggle. 5. Dropdowns: -Derapdowns use staggleable contentral overlage for displaying dists of links and more. They're made interactive with the uncluded Bootstrap drapdown jamboript plugar They are toggled by clicking, not by foresing

Dropeloure are build on a third posty
dibrary, Popper, which pravides dynamic
Positioning and viewport detection. Be Sure
do include Popper. min. jo before Bostologis Javascript or use bootstrop bundle mings Lootstrap bundle jo which contains Popper # Buick Tips 1. If got struck at any point or there is something you don't understand just go do brotstraps official documentation and move on the your problem. 2. Download Bootstrop's files for offine development. 3. Want cheet sheet for every thing on bootstrop just go to the " https:// bootstrap-cheatsheet. themeselection. com"