

Tabs Exercise

This exercise will use JavaScript to add tab functionalities to a web page.

HTML

Create a header with the title and a navigation with 4 navigation items (see Image 3).

Create a section with 3 articles:

- Dragon Ball
- Dragon Ball Z
- Dragon Ball GT

Each article will have a title, a description and an image (e.g. get them from wikipedia).

There should be a footer with a "Copyright" message (see image 7).

CSS

- Body background = "tomato";
- Section background = "white";
- Article background = "whitesmoke";

Section, footer and articles should have the same shadow.

Navigation

Tabs background = "black"; Tab background when selected or when the mouse passes over it, should have section background when "all" tab is selected or article background when any other tab is selected.

Navigation should never have more than 720px.

Section

Should adapt the number of columns depending on the width of the page:

- 1 column <720px (see Image 1).
- 2 columns from 720px-1200px (see Image 2).
- 3 columns >1200px (see Image 3).

When all tab is selected, the articles will not occupy the entire section. When a single article is selected, it should occupy the entire section.

There should be a space between each article.

Dragon Ball Plots

[All](#)[Dragon Ball](#)[Dragon Ball Z](#)[Dragon Ball GT](#)

Dragon Ball

The series begins with a young monkey-tailed boy named Goku befriending a teenage girl named Bulma. Together they go on a quest to find the seven Dragon Balls (ドラゴンボール?), which summons the dragon Shenlong to grant the user one wish. The journey leads to a confrontation with the shape-shifting pig Oolong, as well as a desert bandit named Yamucha and his companion Pu'ar, with all later becoming allies; Chi-Chi, whom Goku unknowingly agrees to marry; and Pilaf, an impish man who seeks the Dragon Balls to fulfill his desire to rule the world. After Oolong stops Pilaf from using the Dragon Balls by wishing for a pair of panties, Goku undergoes rigorous training regimes under the martial artist Kame-Sennin in order to fight in the Tenkaichi Budōkai (天下一武道会?, "Strongest Under the Heavens Martial Arts Tournament") that attracts the most powerful fighters in the world. A monk named Kuririn becomes his training partner and rival, but they soon become best friends. After the tournament, Goku sets out on his own to recover the Dragon Ball his grandfather left him and encounters the Red Ribbon Army, whose leader wants to collect the Dragon Balls for himself. He almost single-handedly defeats the army, including their hired assassin Taopaipai, whom he originally lost to, but after training under the hermit Karin, now



Image 1: Small Layout

Dragon Ball Plots

All

Dragon Ball

Dragon Ball Z

Dragon Ball GT

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Dragon Ball Z

Dragon Ball Z picks up five years after the end of the Dragon Ball anime, with Goku as a young adult and father to his son Gohan. A humanoid alien named Raditz arrives on Earth in a spacecraft and tracks down Goku, revealing to him that he is his long-lost big brother and that they are members of a nearly extinct extraterrestrial

race called the Saiyans (サイヤ人 Saiya-jin?). The Saiyans had sent Goku (originally named "Kakarrot") to Earth as an infant to conquer the planet for them, but he suffered a severe head injury soon after his arrival and lost all memory of his mission, as well as his blood-thirsty Saiyan nature. Goku refuses to help Raditz continue the mission, which results in Raditz kidnapping Gohan. Goku decides to team up with his former enemy Piccolo in order to defeat Raditz and save his son, while sacrificing his own life in the process. In the afterlife, Goku trains under King Kai until he is revived by the Dragon Balls a year later in order to save the Earth from Raditz' comrades; Namek and the Saiyan prince Vegeta. During the battle



Image 2: Medium Layout

Dragon Ball Plots

All

Dragon Ball

Dragon Ball Z

Dragon Ball GT

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Dragon Ball GT

Five years after the end of the Dragon Ball Z anime (10 years in the



Funimation dub),[1] Goku is turned back into a child by the Black Star Dragon Balls (ダークドラゴンボール Dāku Doragon Bōru, lit. "Dark Dragon Balls") used by Pilaf and is forced to travel across the universe to retrieve them along with his granddaughter Pan and Trunks. The trio go through various adventures in their journey to find the Black Star Dragon Balls, until they encounter the evil artificial Tuffle, Baby, who intends to destroy the Saiyan race.

Baby has the ability to invade other people's bodies and turn them into Tuffles, as well as using a body to combine it with his own power and

Image 3: Large Layout

Article

The image should flow with the text. It should never occupy more width than the article itself.

When a single article is selected, it should occupy the entire section. The color of hovered tabs and selected tab must also be the same as the article.

JavaScript

Use Javascript just to add/remove classes to the DOM elements in this exercise. Do not add any styling directly.

When "All" tab is selected, all the articles should be visible (See Image 3*).

When any other tab is selected, just the article related to the navigation item should be visible.



Image 4: Single Article DB

Dragon Ball Plots

[All](#)[Dragon Ball](#)[Dragon Ball Z](#)[Dragon Ball GT](#)

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Image 5: Single Article DBZ

Dragon Ball Plots

[All](#)[Dragon Ball](#)[Dragon Ball Z](#)[Dragon Ball GT](#)

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Baby has the ability to invade other people's bodies and turn them into Tuffles, as well as using a body to combine it with his own power and become a fighter. After turning practically all of the Earth's population, including the Saiyans, into Tuffles, Baby decides to remain inside Vegeta's body and use it to confront Goku. Goku fights him and is defeated, but after having his tail regenerated, achieves the level of Super Saiyan 4 (超サイヤ人フォー *Sūpā Saiya-jin Fō*), and destroys Baby, propelling him into the sun with a Kamehameha. Piccolo then sacrifices himself to turn the Black Star Dragon Balls into stone permanently when the Earth explodes after Goku and the others helped everyone evacuate to the Tuffle Planet.

A year after Baby's defeat, Dr. Myuu (Baby's creator) and Dr. Gero

Image 6: Single Article DBGT

replace function

```
let string = "Hello Mundua!";
let replaced_string = string.replace("Hello", "Kaixo");
console.log(replaced_string);
```

Prints Kaixo Mundua!

Other considerations

Try to develop thinking that in the future the amount of articles could change.

For example, how could I minimize the changes if in the future I want to add "Dragon Ball Super" to the list of articles?

I should only change the HTML and the rest would work the same way.

Do not forget to style the footer!

A year after Baby's defeat, Dr. Gero (Baby's creator) and Dr. Gero (creator of the Red Ribbon Army androids), create a replica of Android 17 and have it fuse with the original Android 17, creating Super 17. Super 17 at first seems impervious to Goku's attacks, but when Android 18 attacks him for killing Krillin, Goku takes advantage of the distraction to penetrate through Super 17 with his Dragon Fist technique, then fires a Kamehameha through the wound.

Due to overuse of the Dragon Balls, seven Shadow Dragons are then created. All but the most powerful, Syn Shenron, are defeated. Syn Shenron appears to be losing until he absorbs the Dragon Balls and gains more power, becoming Omega Shenron and overwhelming Goku. Goku is about to sacrifice himself to destroy the evil dragon, but then Vegeta turns up in Super Saiyan 4 form, thanks to Bulma's new device, the Blutz Wave Generator. Goku and Vegeta fuse, creating Gogeta, who uses his immense power to taunt Omega Shenron. However, their fusion then ends and Goku loses his Super Saiyan 4 form along with Vegeta. Eventually, using the energy of every living being in the universe, Goku makes a Spirit Bomb powerful enough to destroy Omega Shenron.

The real Shenlong appears to grant Goku and his friends one last wish, and then proceeds to disappear — along with Goku and the Dragon Balls. Several decades later, Goku's great-great-grandson, Goku Jr., participates in the World Tournament as his grandmother Pan cheers for him. Pan then sees Goku and tries to approach him but Goku disappears into the crowd. Goku then leaves the World Tournament with a flashback of his timeline. After the flashback of his timeline ends, Goku then catches his power pole and rides off on his nimbus cloud.

Dragon Ball GT sucked!!!

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Image 7: Footer Styling