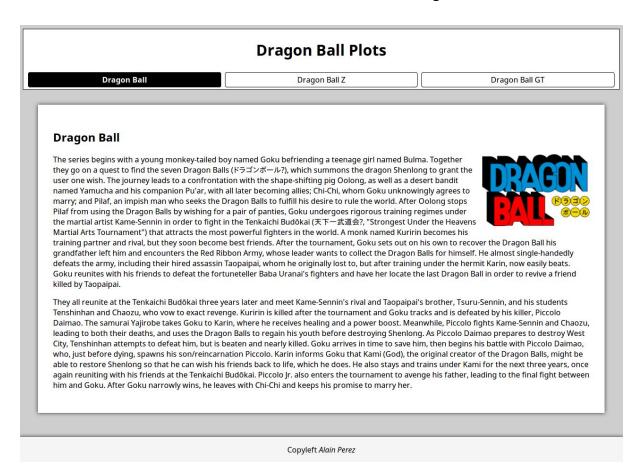
## JavaEE Exercises

#### 01 - JSP

Create an index file with a header, navigation bar, a footer and a CSS. In the navigation bar 3 items should appear:

- 1. Dragon Ball
- 2. Dragon Ball Z
- 3. Dragon Ball GT

When you click on an element you should navigate to the jsp with the content you selected. (create a JSP file for each one, don't use any servlet/controller). All the JSP files should have the same look&feel, with the same header, navigation and footer.



# Dragon Ball Plots Dragon Ball Z Dragon Ball GT

#### **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 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 (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!!

Copyleft Alain Perez

#### 02- Controller

Modify the exercise, so all the navigation elements call to the same controller, passing a parameter with the series you want to read about.

Then, the controller will redirect you to the correct jsp.

#### 03 - Session

Make a login form in the index page. Make a controller for the login. If the user==password, redirect to the index, but somewhere it should appear that you are logged.

#### 04 - Permissions

Based on exercise 3, check if a user is logged before redirecting them to the specific series. If they are not logged, redirect them to an error page.

## 05 - Templates

Apply the templates so the amount of code repeated is reduced.

## 06 - JSTL

Apply JSTL tags so the amount of java code is minimized inside JSP files.

### 07 - Internationalization

Make it available at least in 2 languages.