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

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 easily beats. Goku reunites with his friends to defeat the fortuneteller Baba Uranai's fighters and have her locate the last Dragon Ball in order to revive a friend killed by Taopaipai.

They all reunite at the Tenkaichi Budōkai three years later and meet Kame-Sennin's rival and Taopaipai's brother, Tsuru-Sennin, and his students Tenshinhan and Chaozu, who vow to exact revenge. Kuririn is killed after the tournament and Goku tracks and is defeated by his killer, Piccolo Daimao. The samurai Yajirobe takes Goku to Karin, where he receives healing and a power boost. Meanwhile, Piccolo fights Kame-Sennin and Chaozu, leading to both their deaths, and uses the Dragon Balls to regain his youth before destroying Shenlong. As Piccolo Daimao prepares to destroy West City, Tenshinhan attempts to defeat him, but is beaten and nearly killed. Goku arrives in time to save him, then begins his battle with Piccolo Daimao, who, just before dying, spawns his son/reincarnation Piccolo. Karin informs Goku that Kami (God), the original creator of the Dragon Balls, might be able to restore Shenlong so that he can wish his friends back to life, which he does. He also stays and trains under Kami for the next three years, once again reuniting with his friends at the Tenkaichi Budōkai. Piccolo Jr. also enters the tournament to avenge his father, leading to the final fight between him and Goku. After Goku narrowly wins, he leaves with Chi-Chi and keeps his promise to marry her.

Dragon Ball Plots

| Dragon Ball | 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.

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Dragon Ball GT sucked!!!

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.