**Code for CI/CD Deployment for Springboot Application.**

**Main controller:**

**package** com.simplilearn.workshop.resources;

**import** org.springframework.web.bind.annotation.RequestMapping;

**import** org.springframework.stereotype.Controller;

@Controller

**publicclass** MainController {

@RequestMapping("/")

**public** String index() {

**return**"index.html";

}

}

MyApplication:

**package**com.simplilearn.workshop;

**import**org.springframework.boot.SpringApplication;

**import**org.springframework.boot.autoconfigure.SpringBootApplication;

@SpringBootApplication

**public class**MyApplication {

public static void main(String[] args) {

SpringApplication.run(MyApplication.class, args);

}

}

Css:

**body**{

background-image:*linear-gradient(180deg,#0088bb,#000000)*;

margin:*0*; padding:*0*;

overflow-x:*hidden*;

height:*100%*;

font-family:*'Lato',Helvetica,arial,sans-serif*;

font-weight:*300*;

font-size:*20px*;

line-height:*1.45*;

color:*#eee*;

color:*rgba(255,255,255,.85)*;

}

*#container*{

padding-top:*50px*;

}

*#content*{

max-width:*43em*;

padding:*10px*;

margin:*0auto*;

}

**h1**{

font-size:*4.8em*;

font-weight:*100*;

text-transform:*uppercase*;

margin:*0*;

}

**h3**{

font-size:*2.4em*;

font-weight:*300*;

line-height:*1.5*;

}

**p,li**{

font-size:*1.7em*;

}

**a**{

font-weight:*700*;

text-decoration:*none*;

color:*#fff*;

}

**a***:hover*{

text-decoration:*underline*;

}

**p***#pleft*{

max-width:*20em*;

float:*left*;

}

**p***#pright*{

max-width:*20em*;

float:*left*;

}

**ul**{

clear:*both*;

}

**html**{font-size:*62.5%*; }

**body**{font-size:*1em*;}

*.stage*{

-webkit-transform:*scale(1.85)*;

transform:*scale(0.85)*;

float:*right*;

margin-right:*120px*;

margin-top:*30px*;

width:*0px*; height:*0px*;

position:*relative*;

-webkit-perspective:*1200px*;

-webkit-perspective-origin:*50%50%*;

perspective:*1200px*;

perspective-origin:*50%50%*;

}

*.pyramid3d*{

position:*relative*;

width:*150px*;

height:*150px*;

-webkit-transform-style:*preserve-3d*;

transform-style:*preserve-3d*;

-webkit-transform:*rotateX(75deg)rotate(65deg)*;

transform:*rotateX(75deg)rotate(65deg)*;

-webkit-animation:*turnPyramid10slinearinfinite*;

animation:*turnPyramid10slinearinfinite*;

}

*.triangle*{

-webkit-transform-style:*preserve-3d*;

transform-style:*preserve-3d*;

width:*0*; height:*0*;

background:*none*;

}

*.triangle:before*{

content:*""*;

position:*absolute*;

height:*0*; width:*0*;

border-style:*solid*;

border-width:*176px75px075px*;

}

*.side1*{-webkit-transform:*translatex(0)rotatey(115.2deg)rotatez(90deg)*; transform:*translatex(0)rotatey(115.2deg)rotatez(90deg)*; }

*.side2*{-webkit-transform:*translatex(150px)rotatez(90deg)rotatex(64.8deg)*; transform:*translatex(150px)rotatez(90deg)rotatex(64.8deg)*; }

*.side3*{-webkit-transform:*translatez(0)rotatex(64.8deg)*; transform:*translatez(0)rotatex(64.8deg)*; }

*.side4*{-webkit-transform:*translatey(150px)rotatex(115.2deg)*; transform:*translatey(150px)rotatex(115.2deg)*; }

*.side1:before*{border-color:*rgba(115,115,0,0.3)transparenttransparenttransparent*; }

*.side2:before*{border-color:*rgba(20,90,225,0.3)transparenttransparenttransparent*; }

*.side3:before*{border-color:*rgba(255,0,0,0.3)transparenttransparenttransparent*; }

*.side4:before*{border-color:*rgba(0,255,255,0.3)transparenttransparenttransparent*; }

@**-webkit-keyframesturnPyramid**{100% { -webkit-transform:*rotateX(75deg)rotate(425deg)*; } }

@**keyframesturnPyramid**{100% { transform:*rotateX(75deg)rotate(425deg)*; } }

@media(max-width: 300px) {

**html**{font-size:*70%*; }

*.stage*{-webkit-transform:*scale(0.05)*; transform:*scale(0.05)*; }

}

@media(max-width: 440px) {

**h1**{line-height:*55px*; }

}

@media(max-width: 460px) {

*.stage*{position:*absolute*; top:*25px*; left:*50%*; margin-left:*-45px*; }

**h1**{margin-top:*50px*; text-align:*center*; }

}

@media(max-width:600px) {*.stage*{-webkit-transform:*scale(0.55)*; transform:*scale(0.55)*; margin-right:*60px*; } }

@media(min-width: 600px) {

**html**{font-size:*80%*; }

*.stage*{-webkit-transform:*scale(0.68)*; transform:*scale(0.68)*; margin-right:*80px*; }

}

@media(min-width: 880px) {

**html**{font-size:*120%*; }

**p,li**{font-size:*1em*; }

**p***#pright*{margin-left:*3em*; }

*.stage*{-webkit-transform:*scale(0.85)*; transform:*scale(0.85)*; margin-right:*120px*; }

}

Html:

<!DOCTYPEhtml>

<linkrel=*"stylesheet"*type=*"text/css"*href=*"../css/default.css"*>

<htmllang=*"en"*>

<head>

<title>Rahul Kumar Nidamanuri's Assessment</title>

<!-- Bootstrap -->

<linktype=*"text/css"*href=*"css/bootstrap.min.css"*rel=*"stylesheet"*/>

<linktype=*"text/css"*href=*"css/default.css"*rel=*"stylesheet"*/>

</head>

<body>

<divid=*"container"*>

<divid=*"content"*>

<divid=*"about"*>

<h1>

<divstyle='float: *left*; margin-bottom: *16px*;'>Rahul Kumar Nidamanuri's

</div>

<divclass=*"stage"*>

<divclass=*"pyramid3d"*>

<divclass=*"triangle side1"*></div>

<divclass=*"triangle side2"*></div>

<divclass=*"triangle side3"*></div>

<divclass=*"triangle side4"*></div>

</div>

</div>

</h1>

<h3style='clear: *both*' class=*"subhead"*>

<a>SPRING-BOOT</a> Web App

</h3>

<pid=*'pleft'*>As requested by management, this is my final

product stage, demonstrating the automated, integrated, and

deployed spring-boot web application.</p>

<pid=*'pright'*>This is an environment where the application is

hosted and accessed by users. The following were used in its

development:</p>

<ul>

<li><a>Eclipse</a></li>

<li><a>GitHub</a></li>

<li><a>Jenkins</a></li>

<li><a>AWS EC2/ Virtual machine</a></li>

</ul>

<p>Feel free to contact with any new requests or

upgrades to this product!</p>

</div>

</div>

</div>

</body>

</html>

**Pom file:**

<?xml version="1.0" encoding="UTF-8"?>

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>2.5.5</version>

<relativePath/> <!-- local repository (.m2) / remote repository (www.mvnrepository.com) -->

</parent>

<groupId>com.simplilearn.workshop</groupId>

<artifactId>my-spring-boot-web</artifactId>

<version>1.0</version>

<name>my-spring-boot-web</name>

<description>Kevin Casey&apos;s SimpliLearnPhase-5 Assessment</description>

<properties>

<project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>

<maven.compiler.source>1.8</maven.compiler.source>

<maven.compiler.target>1.8</maven.compiler.target>

</properties>

<dependencies>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-web</artifactId>

<exclusions>

<exclusion>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-tomcat</artifactId>

</exclusion>

</exclusions>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-jetty</artifactId>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

</plugin>

</plugins>

<finalName>my-spring-boot-web-aws-exe</finalName>

</build>

</project>