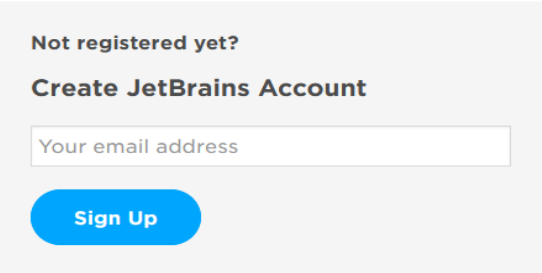
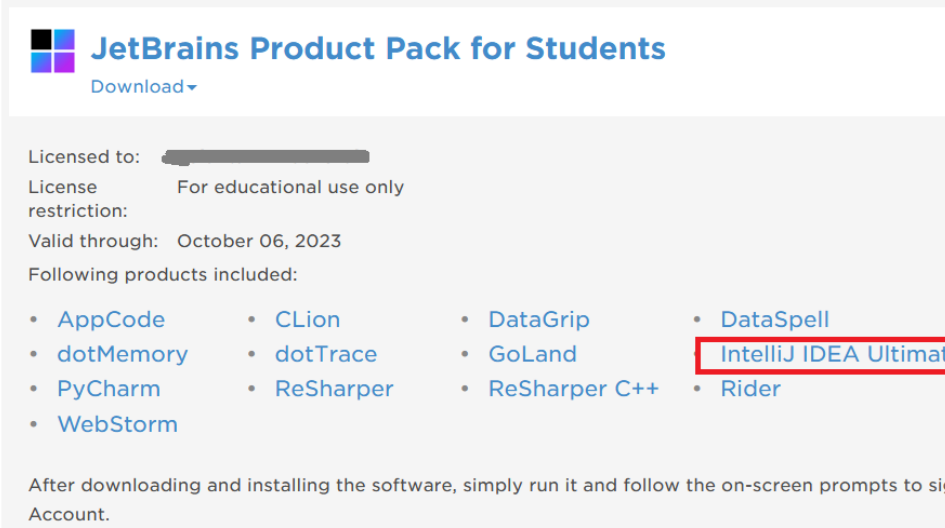
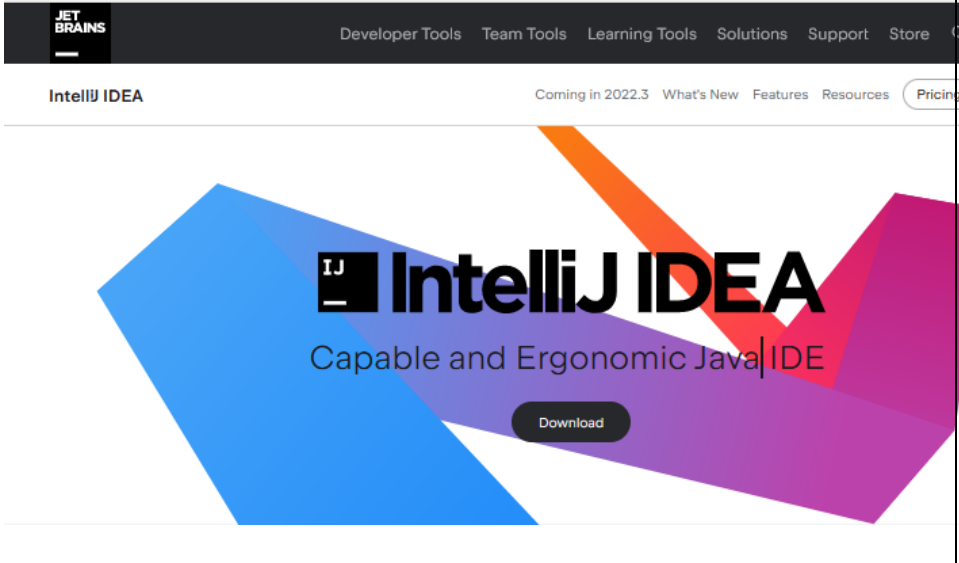




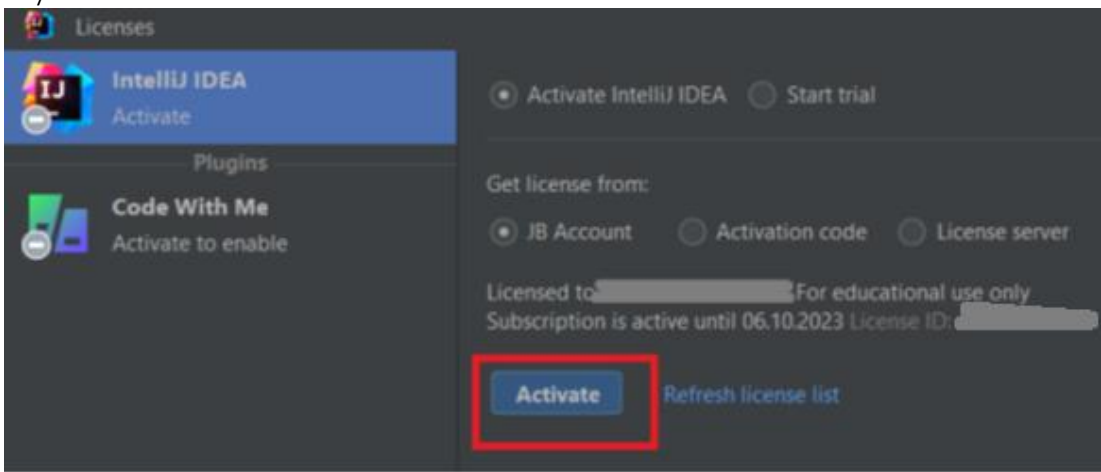
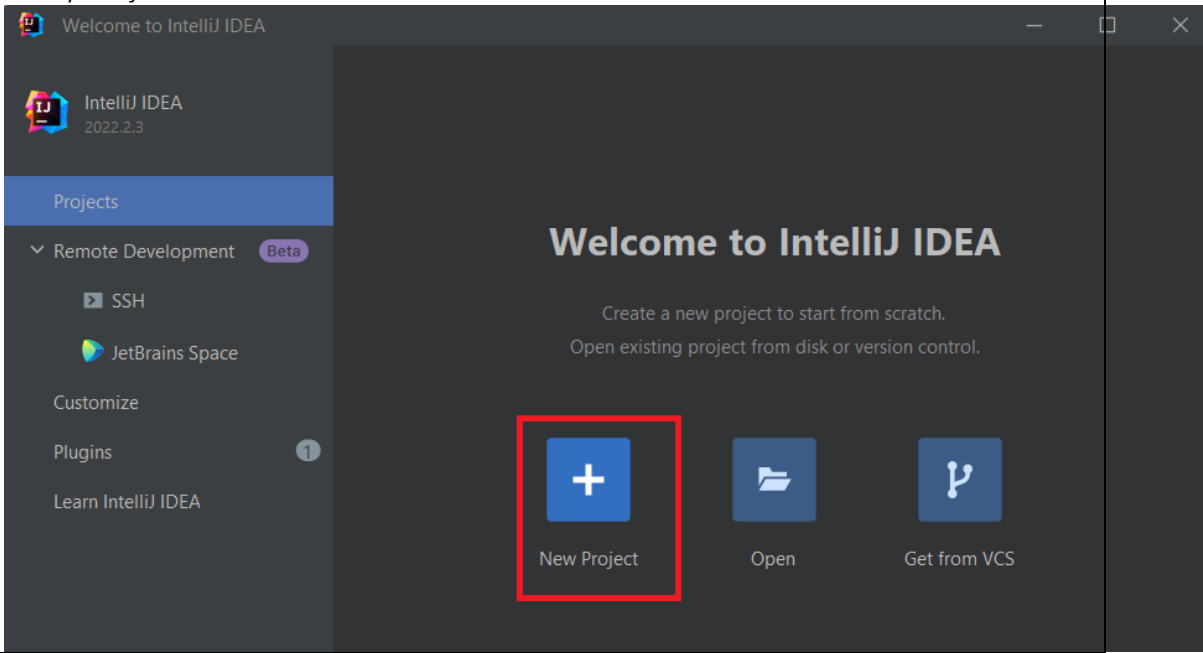
Opis instalacji środowiska i uruchomienie aplikacji Hello World w środowisku **IntelliJ IDEA Ultimate** (oprac. Na podst. Wykładu Spring 1 D. Koniecznego)

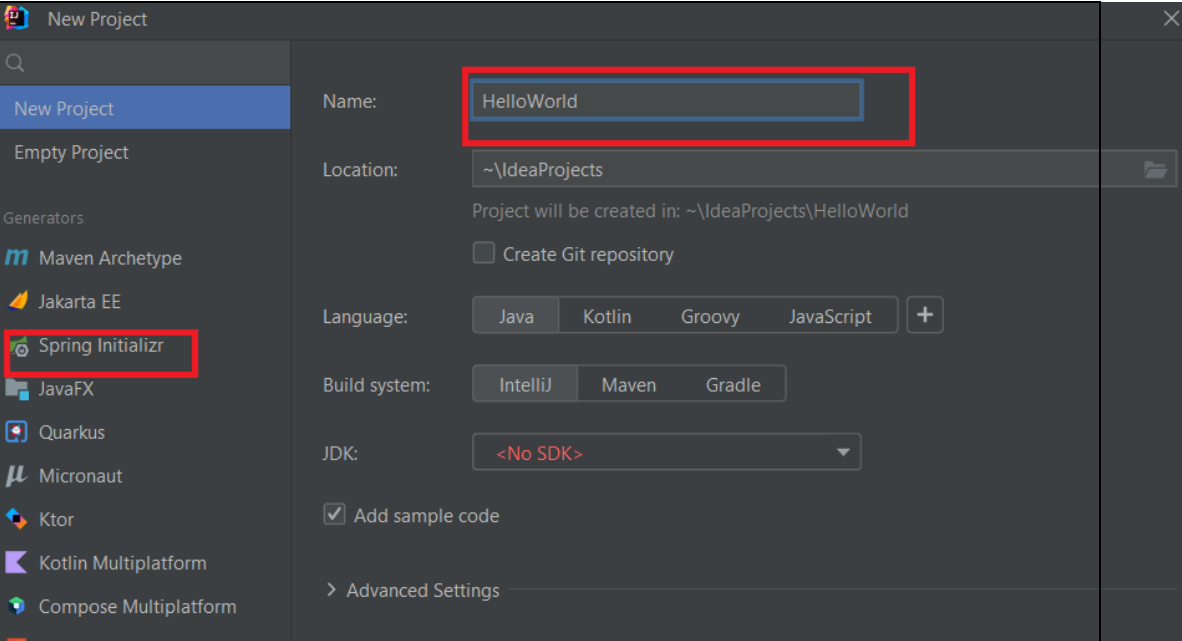
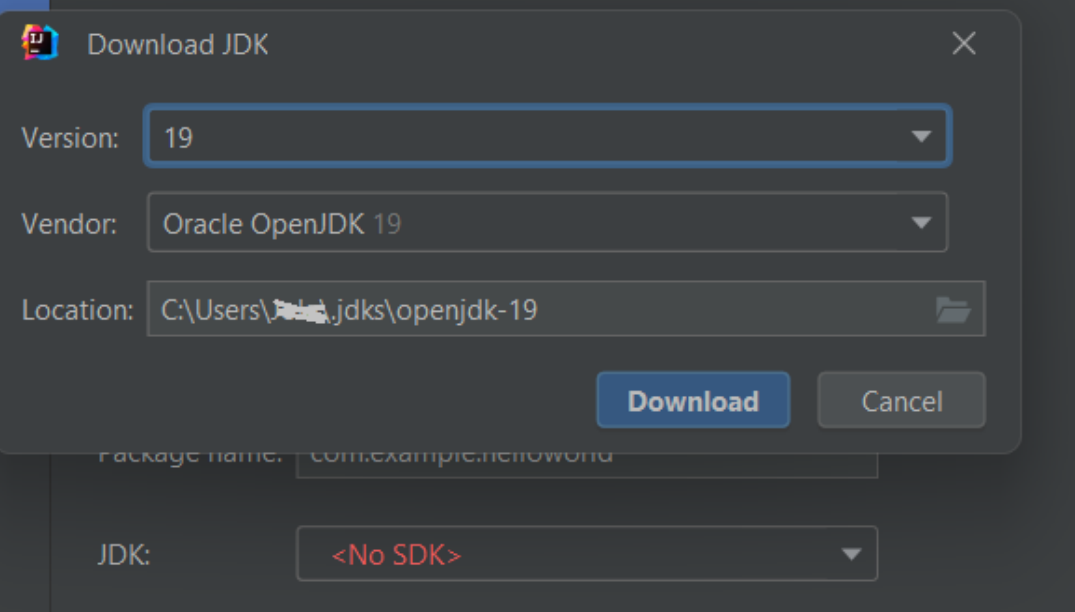
1.	<p>Rejestracja użytkownika na stronie poprzez podanie adresu mail w domenie pwr https://account.jetbrains.com/login</p> 
2.	<p>Link aktywacyjny zostanie przesłany mailem</p> <p>JetBrains Account <no_reply@jetbrains.com></p> <p>Hello!</p> <p>Thank you for creating your JetBrains Account.</p> <p>To complete your registration, click the link below: Confirm your account</p> <p>Yours truly, The JetBrains Team https://www.jetbrains.com The Drive to Develop</p>
3.	<p>Wybór opcji „Apply for a free student or teacher license”</p> <p>No Available Licenses</p> <p>We found no JetBrains product licenses associated with your JetBrains Account. You can:</p> <ul style="list-style-type: none">• Buy new personal license• Contact the person who manages commercial licenses in your company and request an invitation to use them• Apply for a free student or teacher license for educational purposes
4.	<p>Individual licenses for students and teachers</p> <p>Get free access to all JetBrains IDEs for personal use at school or at home.</p> <p>Who can get free individual licenses for education</p> <p>Students and faculty from accredited educational institutions (high schools, colleges, and universities) are welcome to apply.</p> <p>Students need to be enrolled in an accredited educational program that takes one or more years of full-time study to complete.</p> <p>Not sure about the license terms? Check out the FAQ or read the full terms here.</p> <p>Apply now</p>

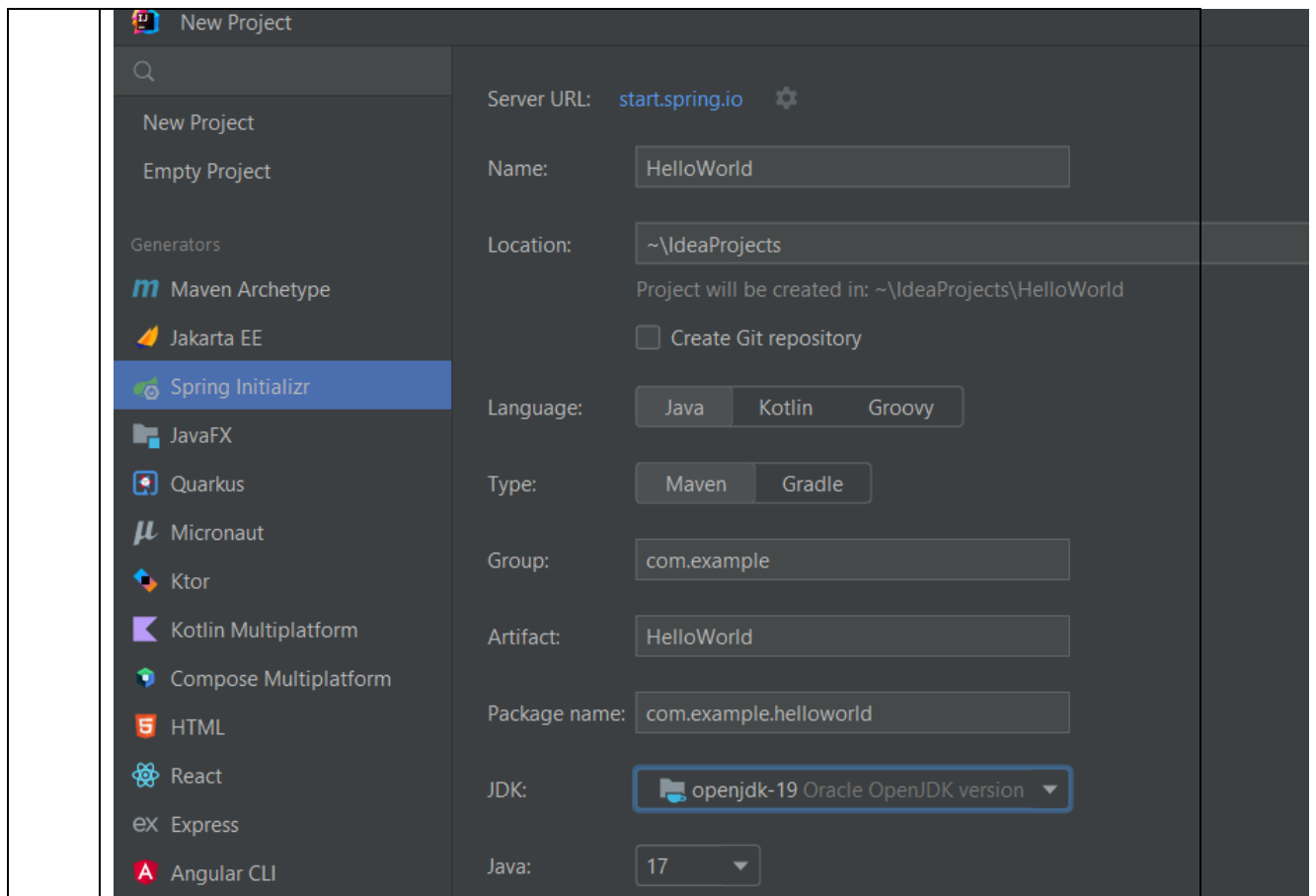
5.	<p>Hi,</p> <p>You're receiving this email because your email address was used to register or update a JetBrains Account.</p> <p>Please click this link to proceed: https://www.jetbrains.com/shop/eform/students/request?code=XXXXXXXXXXXX</p> <p>After accepting the License Agreement, you will be asked to sign up for a JetBrains Account. You will need to use this account whenever you want to access JetBrains tools.</p> <p>If you have any questions, please email us – we're always happy to help.</p> <p>Kind Regards, The JetBrains team www.jetbrains.com The Drive to Develop</p>
6.	<p>Po zalogowaniu proszę wybrać opcję IntelliJ IDEA Ultimate</p> <h2>1 Student Pack License</h2>  <p>Licensed to: [redacted] License: For educational use only restriction: Valid through: October 06, 2023 Following products included:</p> <ul style="list-style-type: none"> • AppCode • CLion • DataGrip • DataSpell • dotMemory • dotTrace • GoLand • IntelliJ IDEA Ultimate • PyCharm • ReSharper • ReSharper C++ • Rider • WebStorm <p>After downloading and installing the software, simply run it and follow the on-screen prompts to sign up for a JetBrains Account.</p>
7.	<p>Następnie wybrać opcję download</p> 
8.	<p>Dostępna będzie wersja 30 dniowa</p>

	<div><div><p>Version: 2022.2.3 Build: 222.4345.14 5 October 2022 Release notes</p><p>System requirements Installation instructions Other versions Third-party software</p></div><div><h2>Download IntelliJ IDEA</h2><div>Windows macOS Linux</div><div><div>Ultimate For web and enterprise development <div>Download .exe</div> Free 30-day trial available</div><div>Community For JVM and Android development <div>Download .exe</div> Free, built on open source</div></div><table><thead><tr><th></th><th>IntelliJ IDEA Ultimate</th><th>IntelliJ IDEA Community Edition</th></tr></thead><tbody><tr><td>Java, Kotlin, Groovy, Scala</td><td>✓</td><td>✓</td></tr><tr><td>Maven, Gradle, sbt</td><td>✓</td><td>✓</td></tr><tr><td>Git, GitHub, SVN, Mercurial, Perforce</td><td>✓</td><td>✓</td></tr><tr><td>Debugger</td><td>✓</td><td>✓</td></tr><tr><td>Docker</td><td>✓</td><td>✓</td></tr></tbody></table></div></div>		IntelliJ IDEA Ultimate	IntelliJ IDEA Community Edition	Java, Kotlin, Groovy, Scala	✓	✓	Maven, Gradle, sbt	✓	✓	Git, GitHub, SVN, Mercurial, Perforce	✓	✓	Debugger	✓	✓	Docker	✓	✓
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Debugger	✓	✓																	
Docker	✓	✓																	
	Instalacja środowiska																		
9.	<div><div>IntelliJ IDEA Setup</div><div><div>Installation Options Configure your IntelliJ IDEA installation</div><div><div>Create Desktop Shortcut <input checked="" type="checkbox"/> IntelliJ IDEA</div><div>Update PATH Variable (restart needed) <input checked="" type="checkbox"/> Add "bin" folder to the PATH</div><div>Update Context Menu <input type="checkbox"/> Add "Open Folder as Project"</div><div>Create Associations <input checked="" type="checkbox"/> .java <input type="checkbox"/> .groovy <input type="checkbox"/> .kt <input type="checkbox"/> .kts</div></div><div><div>< Back</div><div>Next ></div><div>Cancel</div></div></div></div>																		
10.	<div><div><div>Sign In Create Account</div><div>Username <input type="text"/></div><div>Password <input type="password"/></div><div><div>Sign In</div> Forgot password?</div></div></div>																		
11.	<div><h2>Authorization Successful</h2><p>You can close this page and return to the IDE</p></div>																		

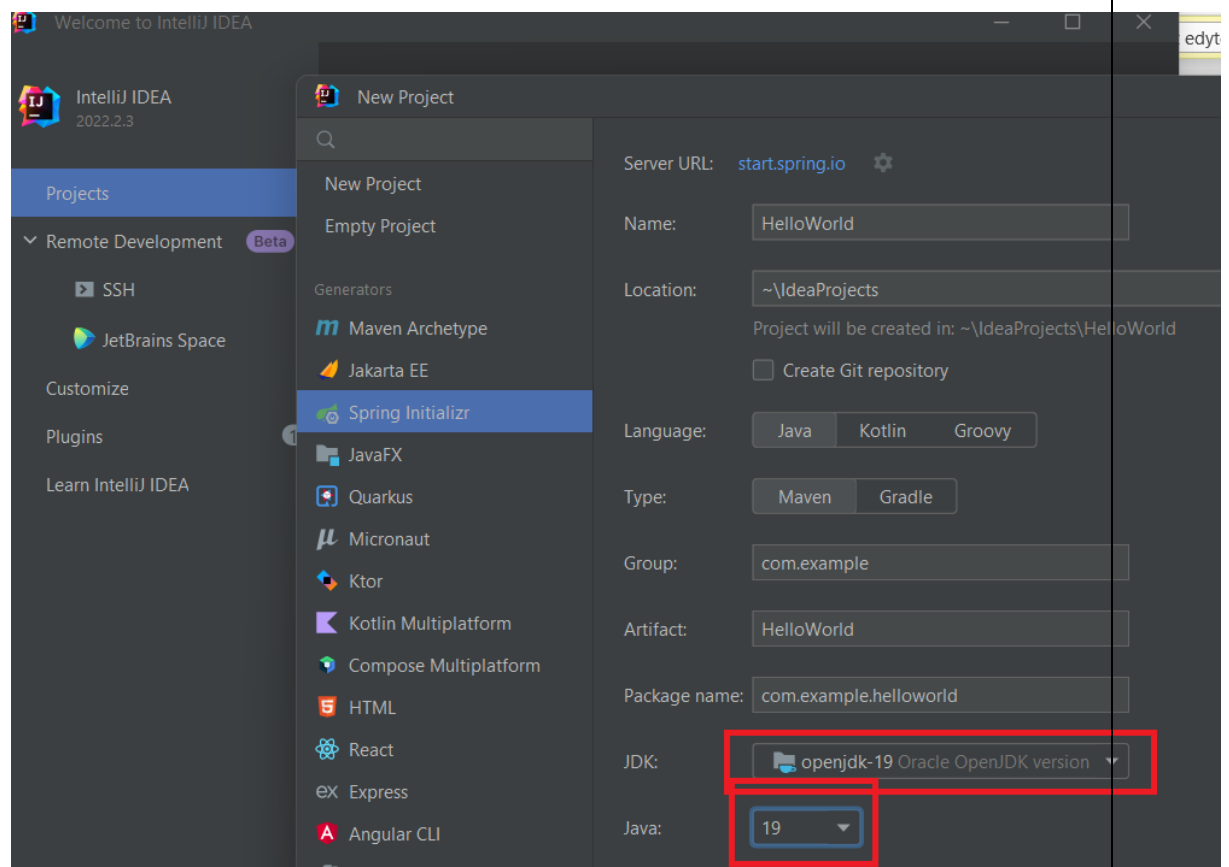
Zakładanie pierwszego projektu:

1.	<p>Wybierz z menu IntelliJ Idea</p>  The image shows the IntelliJ IDEA activation window. On the left, there are sections for 'Licenses' and 'Plugins'. Under 'Licenses', the 'IntelliJ IDEA' license is selected with an 'Activate' button. Under 'Plugins', 'Code With Me' is listed with an 'Activate to enable' button. On the right, there are radio buttons for 'Activate IntelliJ IDEA' (selected) and 'Start trial'. Below these, there are radio buttons for 'Get license from: JB Account' (selected), 'Activation code', and 'License server'. Further down, it says 'Licensed to [redacted] For educational use only' and 'Subscription is active until 06.10.2023 License ID: [redacted]'. At the bottom, there is a blue 'Activate' button, which is highlighted with a red rectangle, and a 'Refresh license list' link.
2.	<p>Nowy Projekt</p>  The image shows the IntelliJ IDEA Welcome screen. On the left, there is a sidebar with 'Projects' selected. Below it, there are options for 'Remote Development' (with a 'Beta' badge), 'SSH', 'JetBrains Space', 'Customize', 'Plugins' (with a '1' badge), and 'Learn IntelliJ IDEA'. The main area has the title 'Welcome to IntelliJ IDEA' and the text 'Create a new project to start from scratch. Open existing project from disk or version control.' Below this, there are three buttons: 'New Project' (with a plus icon, highlighted with a red rectangle), 'Open' (with a folder icon), and 'Get from VCS' (with a branch icon).
3.	<p>Nazwa projektu HelloWorld oraz opcja SpringInitializr</p>

		
4.	<p>Jeśli brak JDK, to należy pobrać</p> 	
5.	JDK zostanie uzupełnione	

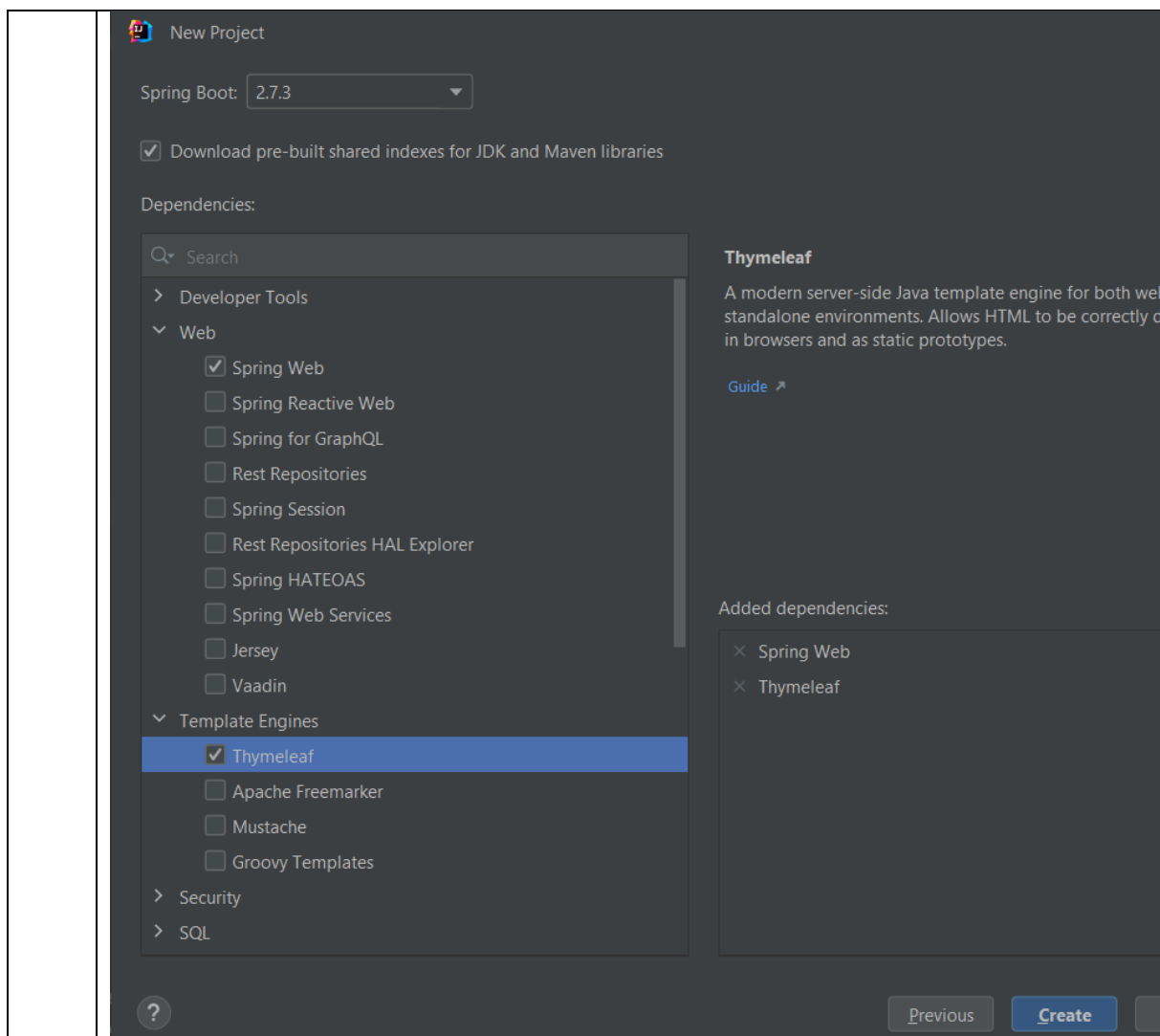


6.

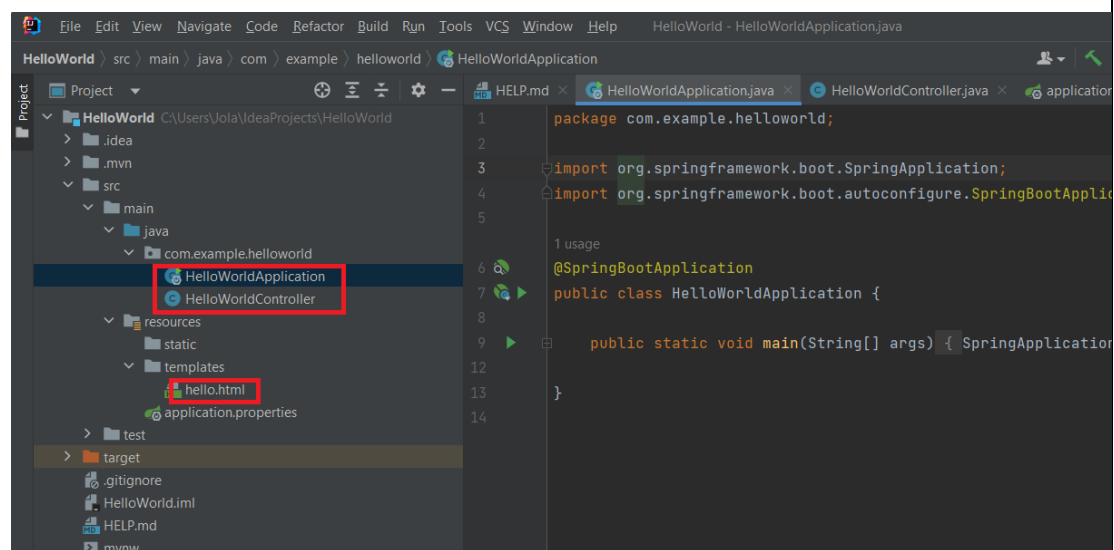


7.

Widok projektu

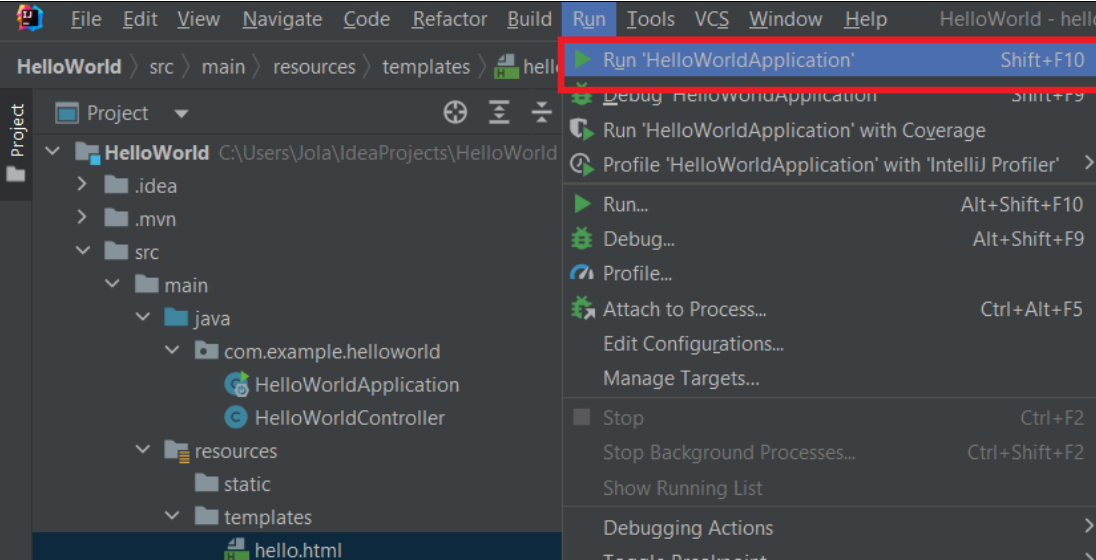
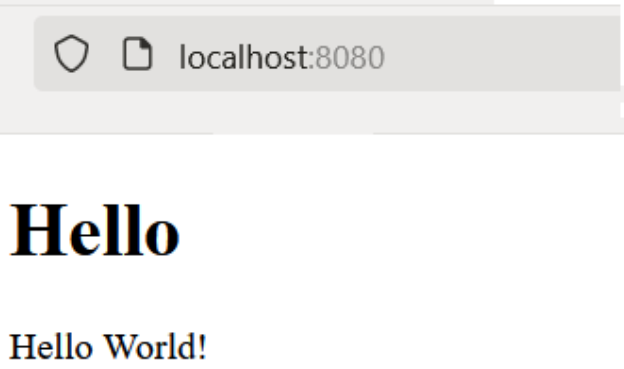


8. Widok projektu. W celu implementacji pierwszej aplikacji należy zaimplementować klasy HelloWorldApplication oraz utworzyć i zaimplementować klasę HelloWorldController. Należy również utworzyć plik widoku hello.html.



9. Klasa HelloWorldApplication

	<pre> import org.springframework.boot.SpringApplication; import org.springframework.boot.autoconfigure.SpringBootApplication; @SpringBootApplication public class HelloWorldApplication { public static void main(String[] args) { SpringApplication.run(HelloWorldApplication.class, args); } } </pre>
10.	<p>Klasa HelloWorldController</p> <pre> HelloWorldController package com.example.helloworld; import org.springframework.stereotype.Controller; import org.springframework.web.bind.annotation.RequestMapping; @Controller public class HelloWorldController { @RequestMapping("/") public String hello(){ return "hello"; } } </pre>
11.	<p>Plik hello.html</p> <pre> <!DOCTYPE html> <html lang="en"> <head> <meta charset="UTF-8"> <title>hello Screen</title> </head> <body> <h1>Hello</h1> <p>Hello World!</p> </body> </html> </pre>
12.	<p>Uruchomienie aplikacji</p>

	 <p>The screenshot shows the IntelliJ IDEA interface with the 'Run' menu open. The 'Run' menu is highlighted with a red box, and the 'Run' option is selected. The project structure on the left shows a project named 'HelloWorld' with a package 'com.example.helloworld' containing 'HelloWorldApplication' and 'HelloWorldController'. The 'resources' folder contains 'static' and 'templates' subfolders, with 'hello.html' selected in the 'templates' folder.</p>
13.	<p>Wynik działania aplikacji sprawdzimy poprzez przeglądarkę http://localhost:8080/</p>  <p>The screenshot shows a web browser window with the address bar displaying 'localhost:8080'. The page content displays 'Hello' in a large, bold, serif font, and 'Hello World!' in a smaller, bold, serif font below it.</p>