✓ **Congratulations! You passed!**
  TO PASS 80% or higher

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Creating a spring application template in IntelliJ IDEA

LATEST SUBMISSION GRADE

100%

1. **What utility helps to start a new Spring application?**   `1 / 1 point`

   ○ Spring Boot

   ◉ Spring Initializr

   ○ Apache Maven

   ✓ **Correct**
   For all Spring applications, you should start with
   the Spring Initializr. The Initializr offers a fast way to pull in all the
   dependencies you need for an application and does a lot of the setup for you.

2. **What is Spring Initializr used for?**   `1 / 1 point`

   ○ an automated JSON API documentation for API's built
   with Spring.

   ◉ a simple and intuitive web UI to create and configure and generate Spring based applications. This tool makes it
   easy for developers to generate an initial project structure without worrying much about the project structure and
   dependencies.

   ○ a software project management and comprehension tool.

   ✓ **Correct**
   Spring Initializr provides a simple and intuitive web UI to create and configure and generate Spring based
   application. This tool makes it easy for developers to generate an initial project structure without worrying
   much about the project structure and dependencies.

3. **On a high-level Spring Initializr tools take cares of the following points for any Spring based application.**   `2 / 2 points`

   ☐ deploying a web service

   ☑ packaging (war or jar)

   ✓ **Correct**

   ☑ project structure

   ✓ **Correct**

4. **What is the correct sequence of steps for connecting a GitHub repository?**   `1 / 1 point`

   ○ Create a repository on your GitHub -> Add a new SSH key to your GitHub account -> Generate SSH key on your
   operating system

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   ◉ Create a repository on your GitHub account -> Generate SSH key on your operating system -> Add a new SSH key to
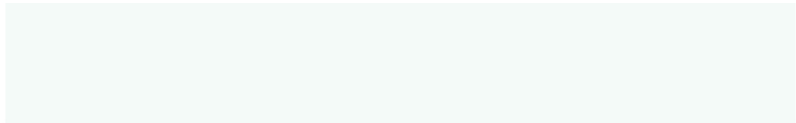   your GitHub account

   ✓ **Correct**
   for connecting a GitHub repository you need to follow the steps in the following sequence:

   Create a repository on your GitHub account

   Generate SSH key on your operating system

   Add a new SSH key to your GitHub account

5. **How do you save the current state of your code into the git version control from Intellij IDEA?** `1 / 1 point`

- ⦿ by selecting the files you want to commit or an entire changelist in the Local Changes view and press Ctrl+K or clicking the Commit button on the toolbar.

- ○ by clicking the "Push" button.

- ○ by clicking the "Pull" button.

✓ **Correct**
To commit files to the git repository you need to select the files you want to commit or an entire changelist in the Local Changes view and press Ctrl+K or click Commit button on the toolbar.

6. **To upload committed files to the git repository you need to:** `1 / 1 point`

- ⦿ click the "Push" button.
- ○ click the "Pull" button.
- ○ select the files you want to commit or an entire changelist in the Local Changes view and press Ctrl+K or click Commit button on the toolbar.

✓ **Correct**
The git push command is used to push the contents of a local repository to a remote repository. It allows you to push commits from a local repository to a remote one.

7. **To download files from the git repository you need to:** `1 / 1 point`

- ⦿ click the "Pull" button
- ○ select the files you want to commit or an entire changelist in the Local Changes view and press Ctrl+K or click Commit button on the toolbar
- ○ click the "Push" button

✓ **Correct**
The git pull command is used to pull and download content from a remote repository and immediately update the local repository with that content.

8. **What is the main method used to launch the Spring application?** `1 / 1 point`

- ○ SpringApplication.up()
- ⦿ SpringApplication.run()
- ○ SpringApplication.do()

✓ **Correct**
The main() method uses Spring Boot's SpringApplication.run() method to launch an application.

9. **How to run the application?** `1 / 1 point`

- ○ click "Stop" button
- ⦿ click "Run 'Simple Web Application'" button
- ○ click "Pull" button

✓ **Correct**
To run the application, just click "Run 'Simple Web Application'" button.

10. **Including which annotation is equivalent to the given three @Configuration @EnableAutoConfiguration @ComponentScan?** `1 / 1 point`

- ○ @ControllerAdvice
- ○ @Bean

○ @SpringBootApplication

✓ **Correct**
One
@SpringBootApplication annotation can be used to enable these three features, namely:

@EnableAutoConfiguration: enable Spring Boot auto-configuration mechanism

@ComponentScan: enable @Component scanning for the package that contains the application

@Configuration: allows you to register additional beans in the context or import additional configuration classes