

Product2

homeworks/homework02

Project

Product2

.idea

logi

src

main

java

ru.natali

Main

Product

resources

log4j.xml

ScreensDZ2.pdf

test

target

classes

generated-sources

generated-test-sources

maven-archiver

maven-status

test-classes

Product2-1.0-SNAPSHOT.jar

.gitignore

pom.xml (Product2)

log4j.xml

Main.java

```
1 package ru.natali;
2
3 > import ...
7
8 @Slf4j//аннотация Lombok делает нам поле log
9 public class Main {
10     public static void main(String[] args) {
11         log.info("Beginning main...");
12         List<Product> products = new ArrayList<>();
13
14         products.add(new Product( id: 1L, name: "Шкаф", price: 3655.80, quantity: 5));
15         products.add(new Product( id: 2L, name: "Стул", price: 1386.20, quantity: 12));
16         products.add(new Product( id: 3L, name: "Комод", price: 5631.77, quantity: 4));
17         products.add(new Product( id: 4L, name: "Стол", price: 2691.50, quantity: 9));
18         products.add(new Product( id: 5L, name: "Тумба", price: 1739.15, quantity: 6));
19
20         for (Product product : products) {
21             System.out.println(product);
22         }
23
24         System.out.println("\r\nВсего товаров на складе " + products.size() + " наименований: ");
25         for (Product product : products) {
26             Double totalPrice = printCost(product);
27             System.out.printf("%s %.2f %s", product.getName(), totalPrice, "\r\n");
28         }
29     }
30 }
```

Terminal

Local

Установите последнюю версию PowerShell для новых функций и улучшения! <https://aka.ms/PSWindows>

PS F:\Product217\Product2> mvn clean install

[INFO] Scanning for projects...

[INFO]

[INFO] -----< ru.natali:Product2 >-----

[INFO] Building Product2 1.0-SNAPSHOT

[INFO] from pom.xml

[INFO] -----[ jar ]-----

[WARNING] The artifact org.slf4j:slf4j-log4j12:jar:2.0.16 has been relocated to org.slf4j:slf4j-reload4j:jar:2.0.16

[INFO]

[INFO] --- clean:3.2.0:clean (default-clean) @ Product2 ---

[INFO] Deleting F:\Product217\Product2\target

[INFO]

[INFO] --- resources:3.3.1:resources (default-resources) @ Product2 ---

duct2 > src > main > java > ru > natali > Main > main

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pom.xml

External Libraries

Scratches and Consoles

m pom.xml (Product2)

</> log4j.xml

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26             Double totalPrice = printCost(product);
27             System.out.printf("%s %.2f %s", product.getName(), totalPrice, "\n\n");
28         }
29     }
30 }
```

Maven

clean

validate

compile

test

package

verify

install

site

deploy

Plugins

Dependencies

Repositories

Run m Product2 [clean]

Product2

homeworks/homework02

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26             Double totalPrice = printCost(product);
27             System.out.printf("%s %.2f %s", product.getName(), totalPrice, "\r\n");
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29     }
30 }
```

Maven

Product2

Lifecycle

clean

validate

compile

test

package

verify

install

site

deploy

Plugins

Dependencies

Repositories

Run

m Product2 [install]

Product2 [install]: A 4 sec, 849 ms

ru.natali:Product: 3 sec, 932 ms

The artifact org.slf4j:slf4j-log

```
[INFO] --- install:3.1.2:install (default-install) @ PRODUCT2 ---
[INFO] Installing F:\Product217\Product2\pom.xml to C:\Users\natali.m2\repository\ru\natali\Product2\1.0-SNAPSHOT\Product2-1.0-SNAPSHOT.pom
[INFO] Installing F:\Product217\Product2\target\Product2-1.0-SNAPSHOT.jar to C:\Users\natali.m2\repository\ru\natali\Product2\1.0-SNAPSHOT\Product2-1.0-SNAPSHOT.jar
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.995 s
[INFO] Finished at: 2024-12-07T14:47:29+03:00
[INFO] -----
Process finished with exit code 0
```

Performance

Product2 homeworks/homework02

Project

- Product2
- .idea
- src
  - main
    - java
      - ru.natali
        - Main
        - Product
    - resources
      - log4j.xml
      - ScreensDZ2.pdf
    - webapp
      - WEB-INF
        - web.xml
        - index.jsp
    - test
    - .gitignore
    - pom.xml
  - External Libraries
  - Scratches and Consoles

```
2 <project xmlns="http://maven.apache.org/POM/4.0.0"
16 <dependencies>
22 <dependency>
26 </dependency>
27 <dependency>
28 <groupId>org.apache.tomcat.embed</groupId>
29 <artifactId>tomcat-embed-core</artifactId>
30 <version>10.1.25</version>
31 <scope>provided</scope>
32 </dependency>
33 </dependencies>
34 <build>
35 <plugins>
36 <plugin>
37 <groupId>org.apache.maven.plugins</groupId>
38 <artifactId>maven-compiler-plugin</artifactId>
39 <version>3.13.0</version>
40 <configuration>
41 <annotationProcessorPaths>
42 <path>
43 <groupId>org.projectlombok</groupId>
44 <artifactId>lombok</artifactId>
45 <version>1.18.36</version>
46 </path>
47 </annotationProcessorPaths>
48 </configuration>
49 </plugin>
50 <!-- Плагин для сборки WAR файла -->
51 <plugin>
52 <groupId>org.apache.maven.plugins</groupId>
53 <artifactId>maven-war-plugin</artifactId>
54 <version>3.3.2</version>
55 </plugin>
56 </plugins>
57 </build>
58 </project>
```

Run/Debug Configurations

Application

  - Tomcat Server
    - Tomcat 10.1.30

Tomcat 10.1.30

Name: Tomcat 10.1.30

Server Deployment Logs Code Coverage Startup/Connection

Application server: Tomcat 10.1.30

Application Servers

Tomcat 10.1.30

Name: Tomcat 10.1.30

Tomcat Home: C:\Tomcat\apache-tomcat

Tomcat Version: 10.1.30

Tomcat base directory: Tomcat\apache-tc

Libraries

Classes

OK Cancel

JMX port: 1099

AJP port:

Run OK Cancel Apply

Project

Product2

F:\Product217\Product2

.idea

src

main

java

ru.natali

Main

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resources

log4j.xml

ScreensDZ2.pdf

webapp

WEB-INF

web.xml

index.jsp

test

m pom.xml (Product2)

JSP index.jsp

</> log4j.xml

Main.java

2

16

22

26

27

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29

30

31

32

33

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35

36

37

38

39

<project xmlns="http://maven.apache.org/POM/4.0.0"

<dependencies>

<dependency>

</dependency>

<dependency>

<groupId>org.apache.tomcat.embed</groupId>

<artifactId>tomcat-embed-core</artifactId>

<version>10.1.25</version>

<scope>provided</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.apache.maven.plugins</groupId>

<artifactId>maven-compiler-plugin</artifactId>

<version>3.13.0</version>

Services

+ -

GlassFish Server

Tomcat Server

Tomcat 10.1.30 [local]

Product2:war exploded [Synchronized]

Server

Tomcat Catalina Log

using APR version [1.7.4].

07-Dec-2024 15:25:12.331 INFO [main] org.apache.catalina.core.AprLifecycleListener.initializeSSL OpenSSL success 3.0.14 4 Jun 2024]

07-Dec-2024 15:25:12.419 INFO [main] org.apache.coyote.AbstractProtocol.init Инициализация ProtocolHandler ["htt

07-Dec-2024 15:25:12.432 INFO [main] org.apache.catalina.startup.Catalina.load Server initialization in [285] mi

07-Dec-2024 15:25:12.461 INFO [main] org.apache.catalina.core.StandardService.startInternal Starting service [Ca

07-Dec-2024 15:25:12.461 INFO [main] org.apache.catalina.core.StandardEngine.startInternal Starting Servlet engi

07-Dec-2024 15:25:12.473 INFO [main] org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler ["http-ni

07-Dec-2024 15:25:12.506 INFO [main] org.apache.catalina.startup.Catalina.start Server startup in [73] milliseco

Connected to server

[2024-12-07 03:25:12,867] Artifact Product2:war exploded: Artifact is being deployed, please wait...

07-Dec-2024 15:25:13.132 INFO [RMI TCP Connection(2)-127.0.0.1] org.apache.jasper.servlet.TldScanner.scanJars At

TLDs yet contained no TLDs. Enable debug logging for this logger for a complete list of JARs that were scanned

them. Skipping unneeded JARs during scanning can improve startup time and JSP compilation time.

[2024-12-07 03:25:13,194] Artifact Product2:war exploded: Artifact is deployed successfully

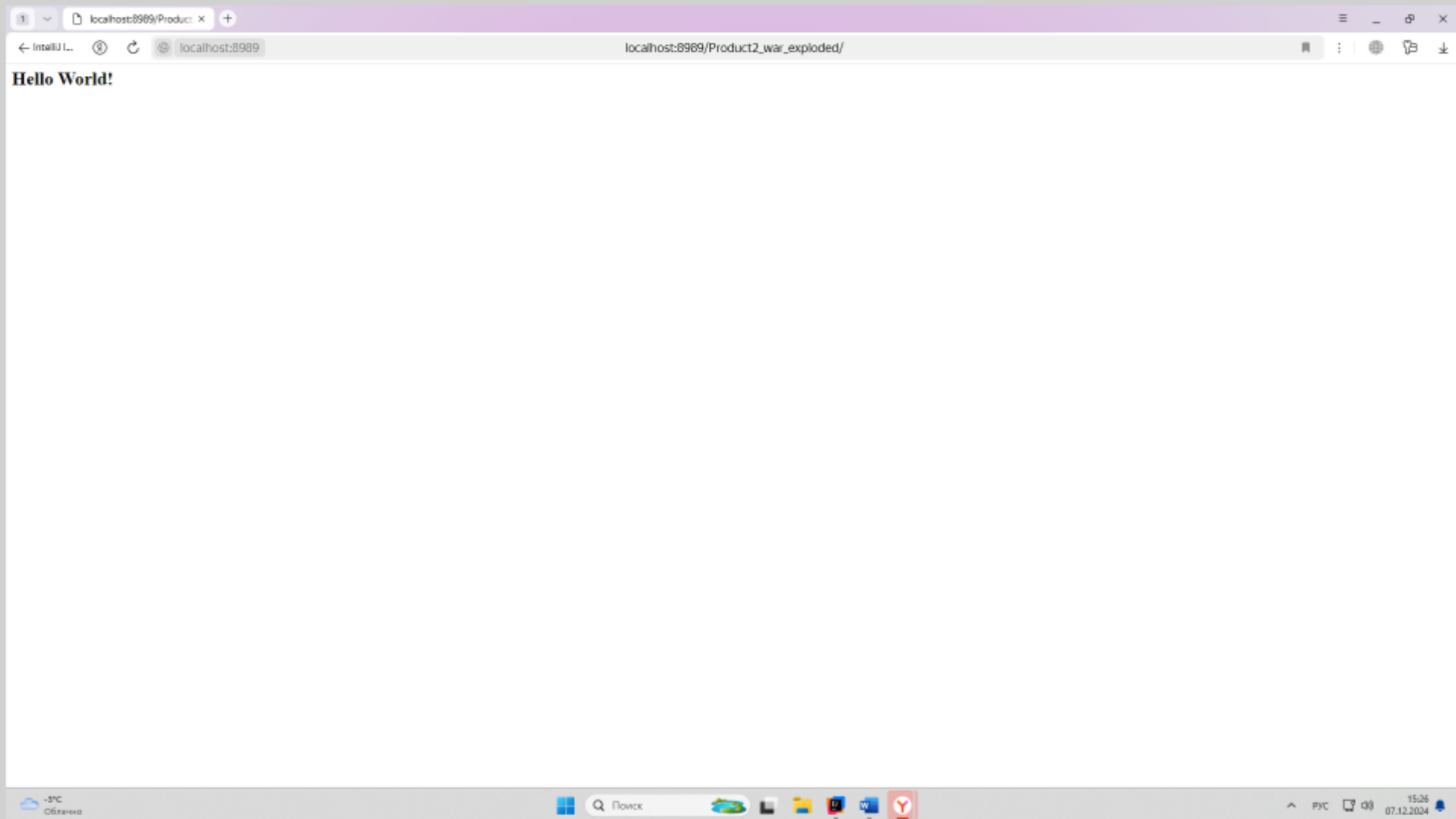
[2024-12-07 03:25:13,195] Artifact Product2:war exploded: Deploy took 327 milliseconds

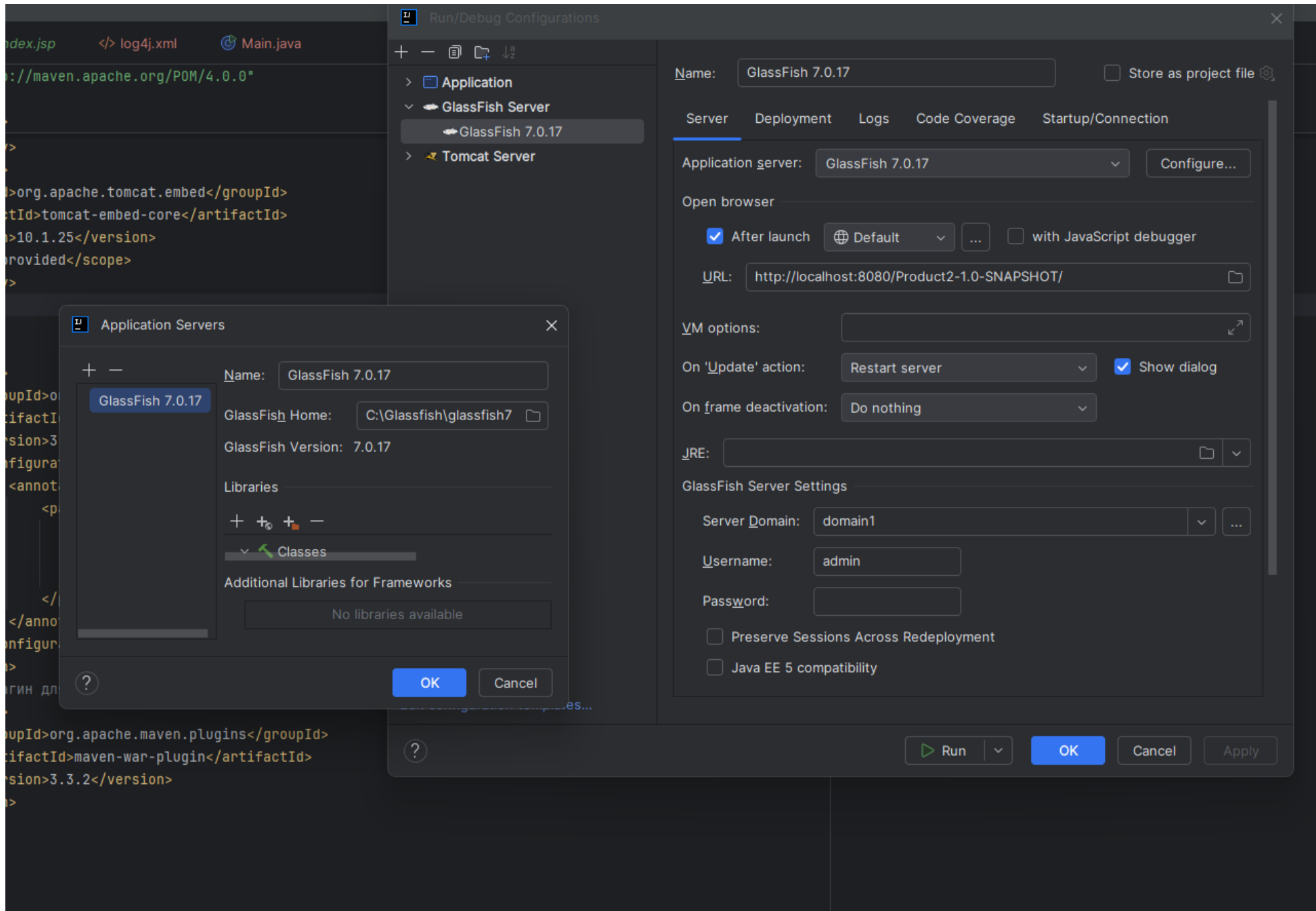
07-Dec-2024 15:25:22.496 INFO [Catalina-utility-1] org.apache.catalina.startup.HostConfig.deployDirectory Установка

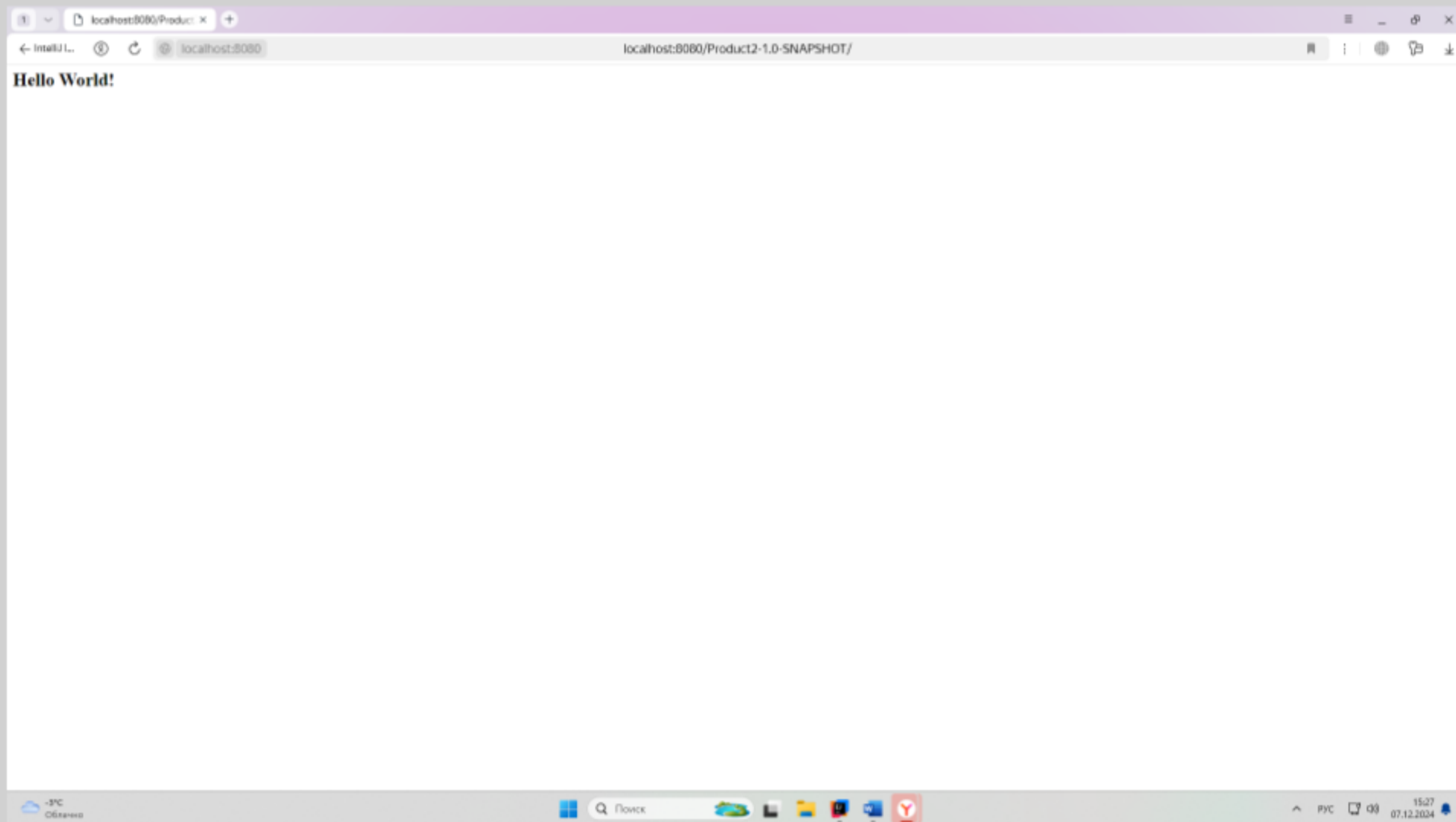
[C:\Tomcat\apache-tomcat-10.1.30\webapps\manager]

07-Dec-2024 15:25:22.552 INFO [Catalina-utility-1] org.apache.catalina.startup.HostConfig.deployDirectory Deploy

directory [C:\Tomcat\apache-tomcat-10.1.30\webapps\manager] has finished in [55] ms









localhost:8080/Product2 GlassFish Console - Co X

localhost:8080 GlassFish Console - Common Tasks

Home About

User: admin Domain: domain1 Server: localhost

Eclipse GlassFish

Enable logging commands

Common Tasks

- Domain
  - server (Admin Server)
  - Clusters
  - Standalone Instances
- Nodes
- Applications
- Lifecycle Modules
- Monitoring Data
- Resources
  - Concurrent Resources
  - Connectors
  - JDBC
  - JMS Resources
  - JNDI
  - JavaMail Sessions
  - Resource Adapter Configs
- Configurations
  - default-config
  - server-config

### GlassFish Console - Common Tasks

#### GlassFish News

- GlassFish News

#### Deployment

- List Deployed Applications
- Deploy an Application

#### Administration

- Change Administrator Password
- List Password Aliases

#### Monitoring

- Monitoring Data

#### Documentation

- Open Source Edition Documentation Set
- Quick Start Guide
- Administration Guide
- Application Development Guide
- Application Deployment Guide

#### Resources

- Create New JDBC Resource
- Create New JDBC Connection Pool

Перевести

Перевести страницу на русский?

Перевести Не сейчас

-3°C Observed

Поиск

ENG 15:28 07.12.2024