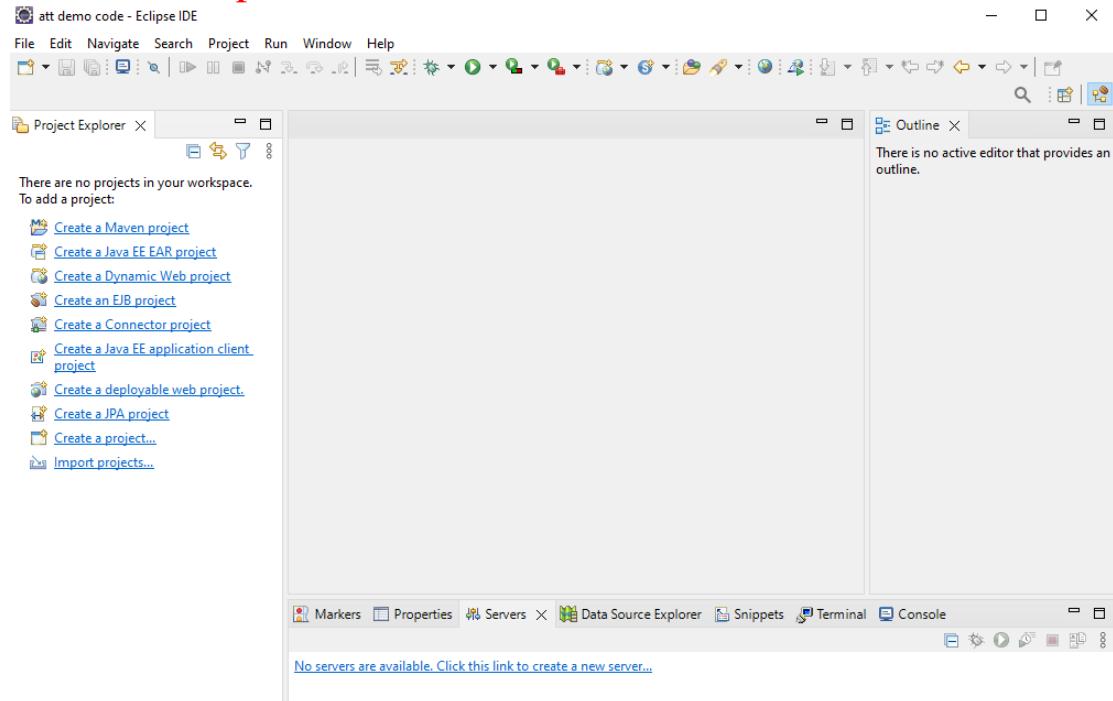


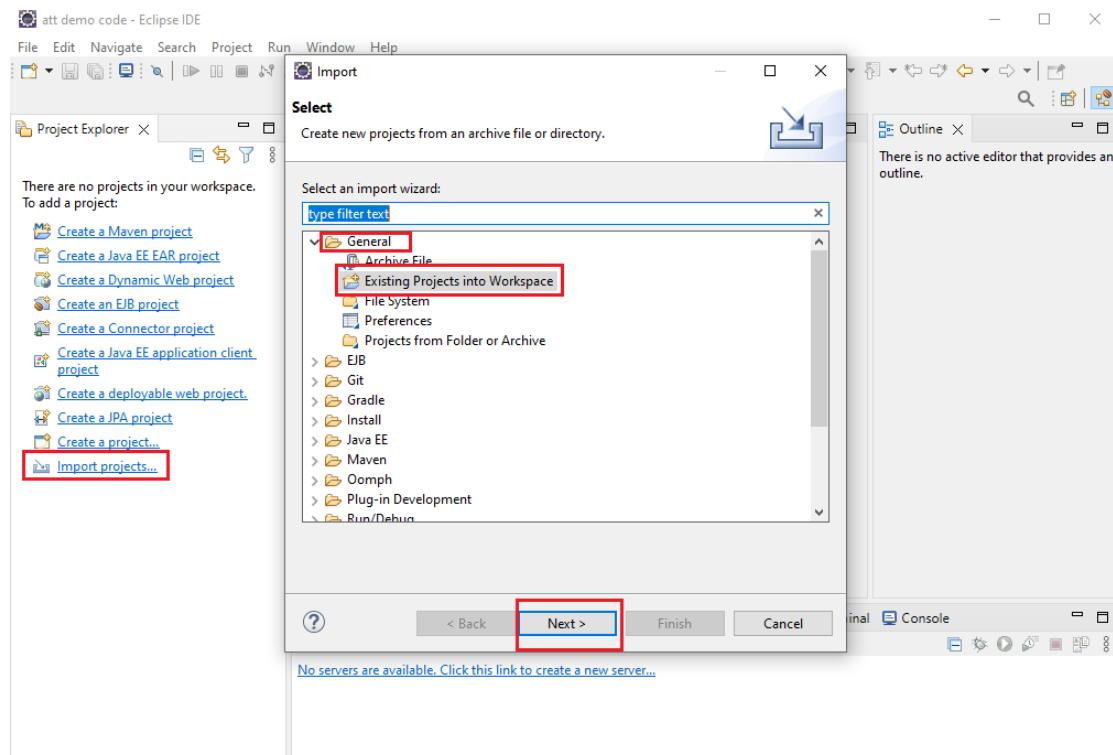
How to build att source code

Create workspace for att.

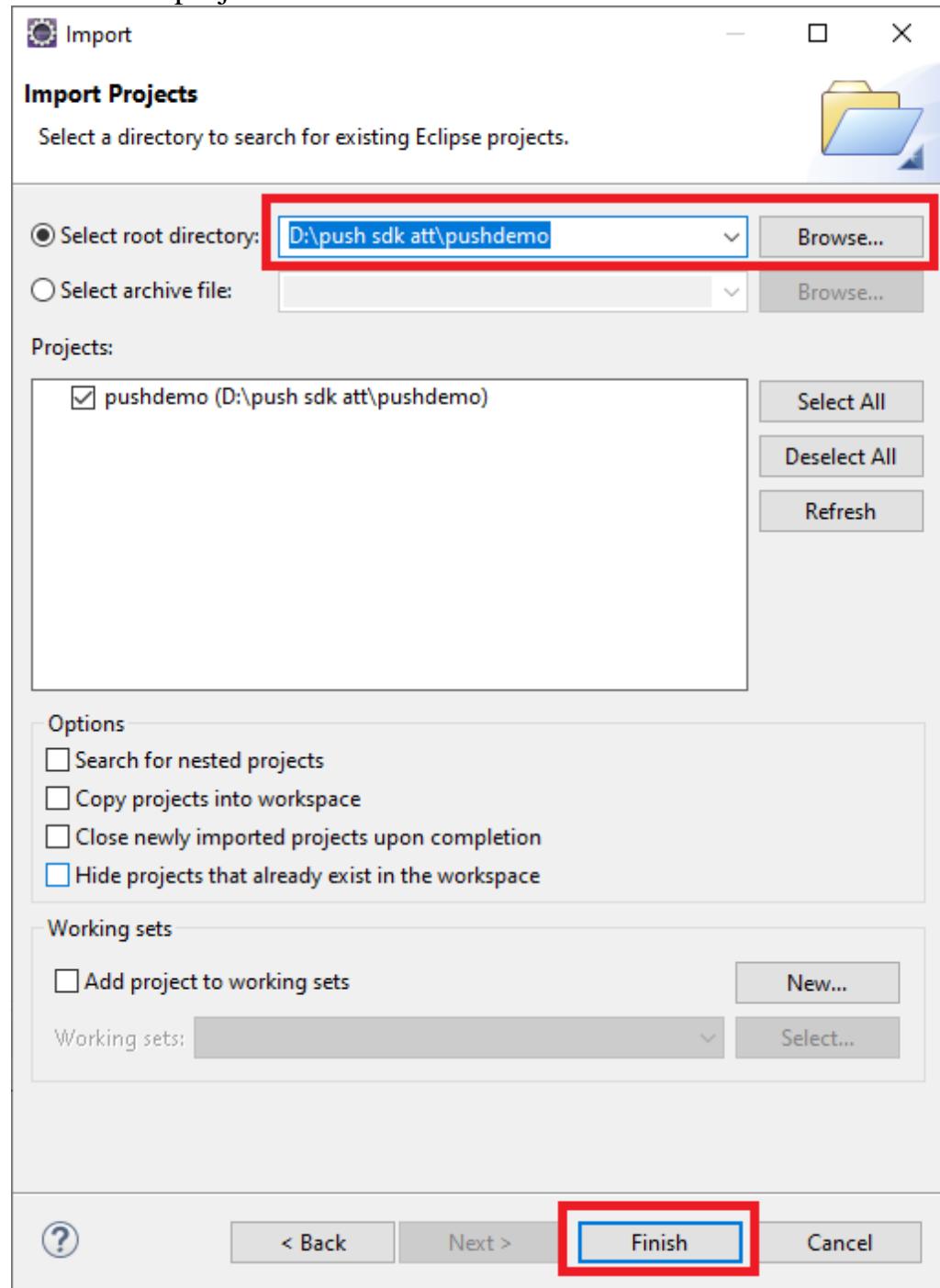


Download source code

1. Import the project



Browse the project file and click finish.



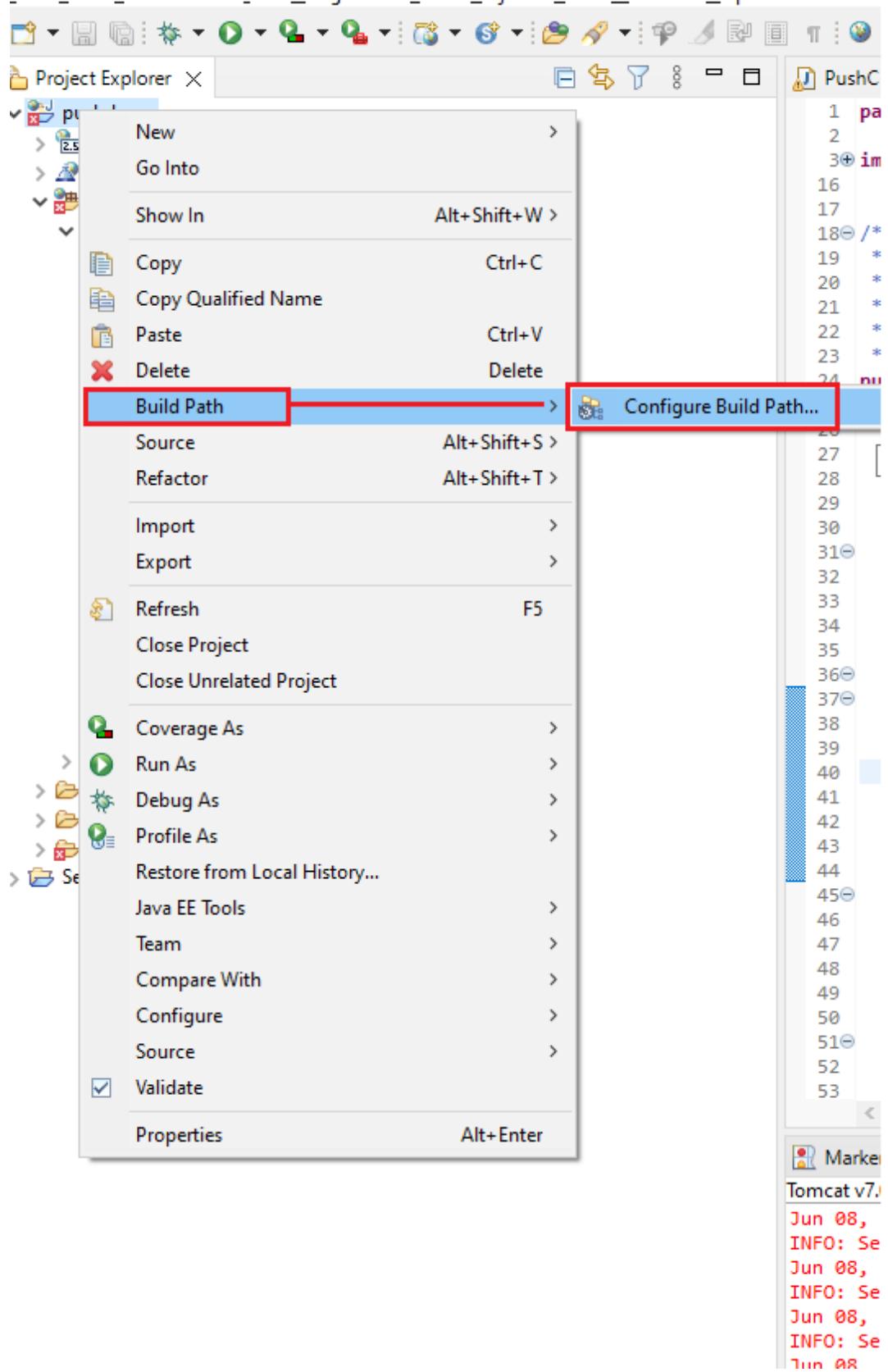
The project will look like this after load it into Eclipse.

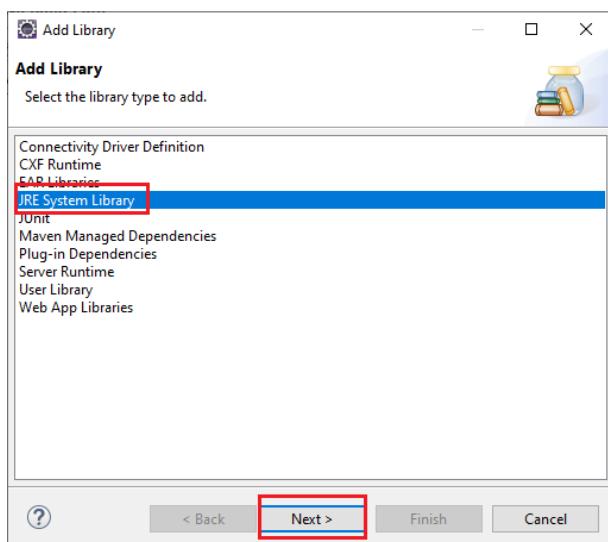
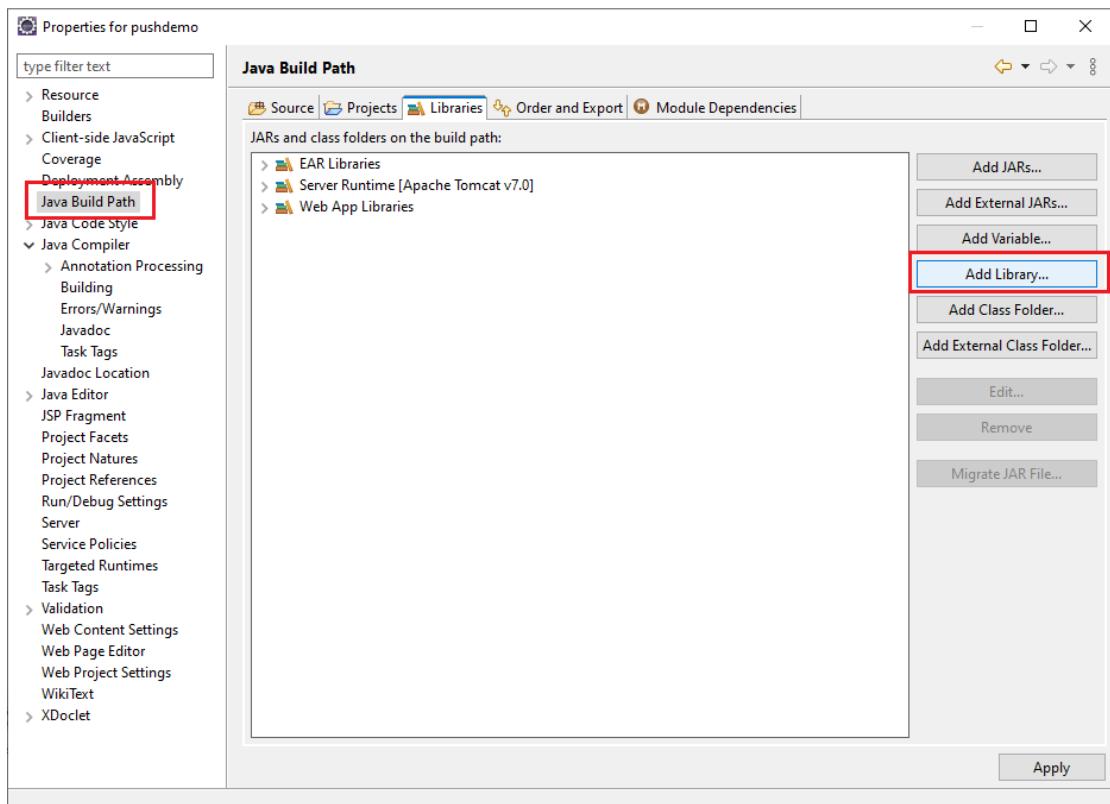
The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** att demo code - pushdemo/src/com/zk/pushsdk/PushCommServlet.java - Eclipse IDE
- Menu Bar:** File Edit Source Refactor Navigate Search Project Run Window Help
- Toolbar:** Standard Eclipse toolbar icons.
- Project Explorer:** Shows the project structure:
 - pushdemo (selected)
 - Deployment Descriptor: pushdemo
 - JAX-WS Web Services
 - Java Resources
 - src
 - com.zk.action
 - com.zk.dao
 - com.zk.dao.impl
 - com.zk.exception
 - com.zk.manager
 - com.zk.pushsdk
 - PushCommServlet.java (selected)
 - com.zk.pushsdk.po
 - com.zk.pushsdk.process
 - com.zk.pushsdk.util
 - config.xml
 - log4j.properties
 - PushDemoResource_en_US.properties
 - PushDemoResource_zh_CN.properties
 - PushDemoResource.properties
 - struts.properties
 - struts.xml
 - Libraries
 - build
 - doc
 - WebContent
 - Editor:** Displays the content of PushCommServlet.java:

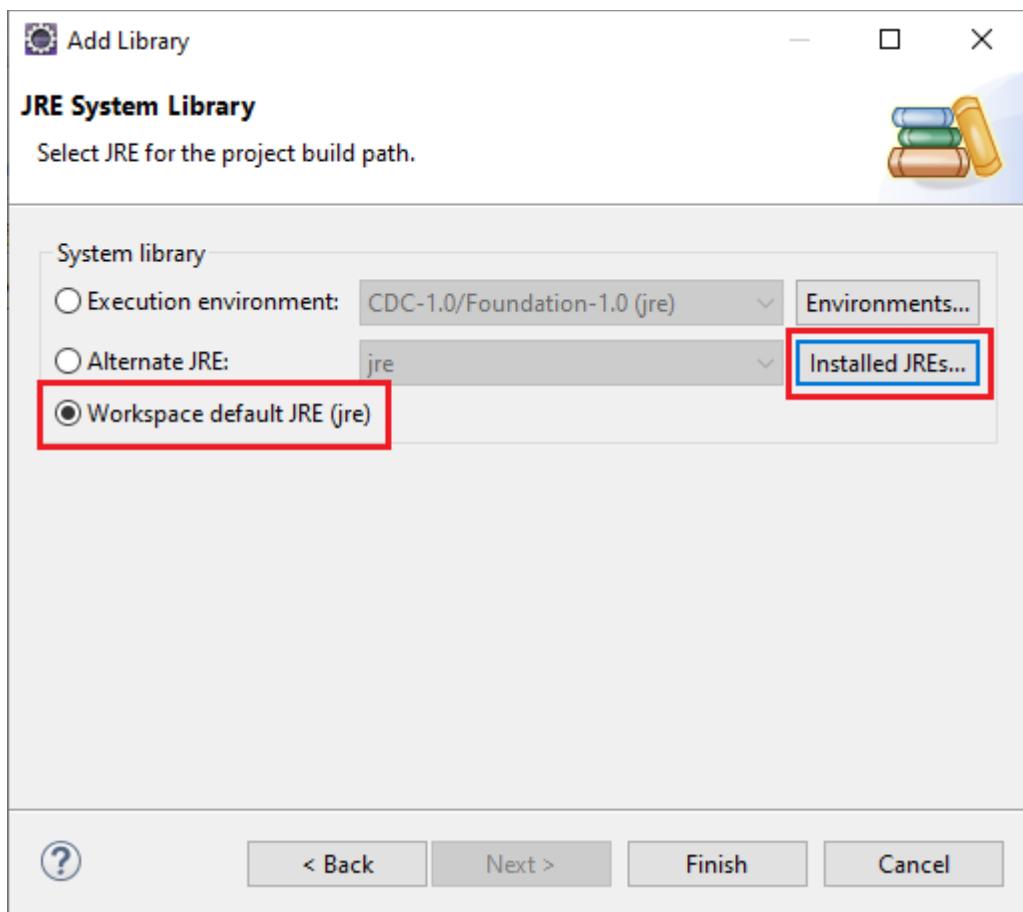
```
1 package com.zk.pushsdk;
2
3 import com.zk.pushsdk.process.ConnectProcess;
4
5 /**
6  * This class is the servlet entrance to map the device requests to the server.
7  * The mapping can be configured by changing the parameters in web.xml.
8  * @author seiya
9  */
10
11 public class PushCommServlet extends HttpServlet {
12     private static final long serialVersionUID = 1L;
13     private static final ConnectProcess connProc = new ConnectProcess();
14     private static final UploadProcess upProc = new UploadProcess();
15     private static final DownloadProcess downProc = new DownloadProcess();
16     private static final RealTimeProcess rtProc = new RealTimeProcess();
17
18     /**
19      * The list of device request commands
20      * @author seiya
21      *
22      */
23     public enum CmdEnum {
24         /**
25          * Command cdata, included functions:
26          * <li>Device exchange initialization information with Server.
27          */
28     }
29 }
```
 - Bottom Bar:** Shows tabs for Markers, Properties, Servers, Data Source Explorer, Snippets, Terminal, and Console. The Servers tab displays the message: "No servers are available. Click this link to create a new server..."

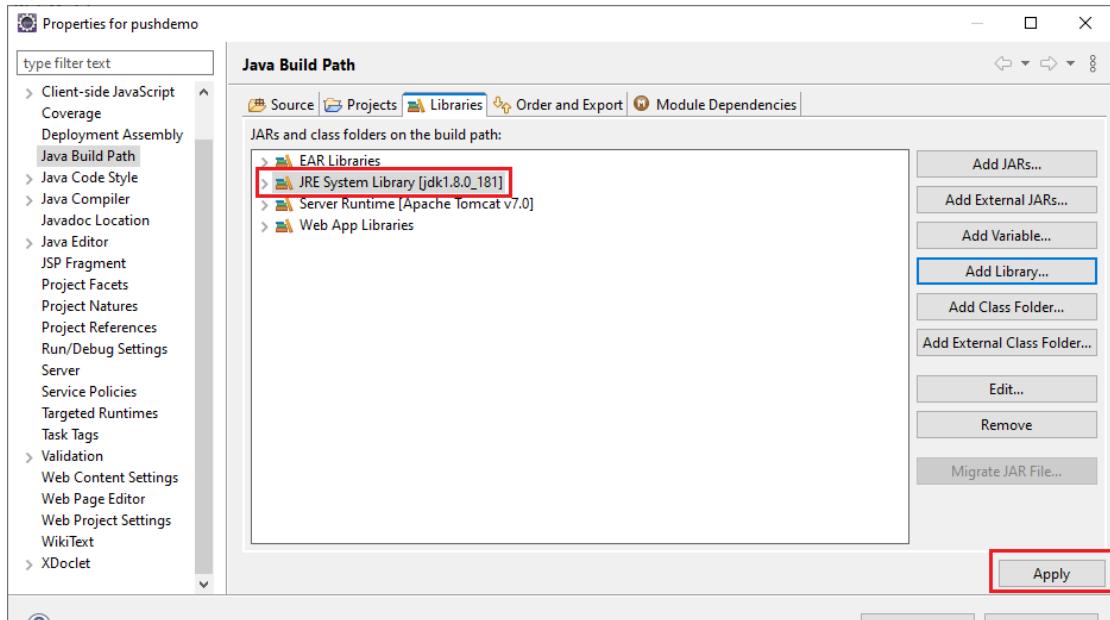
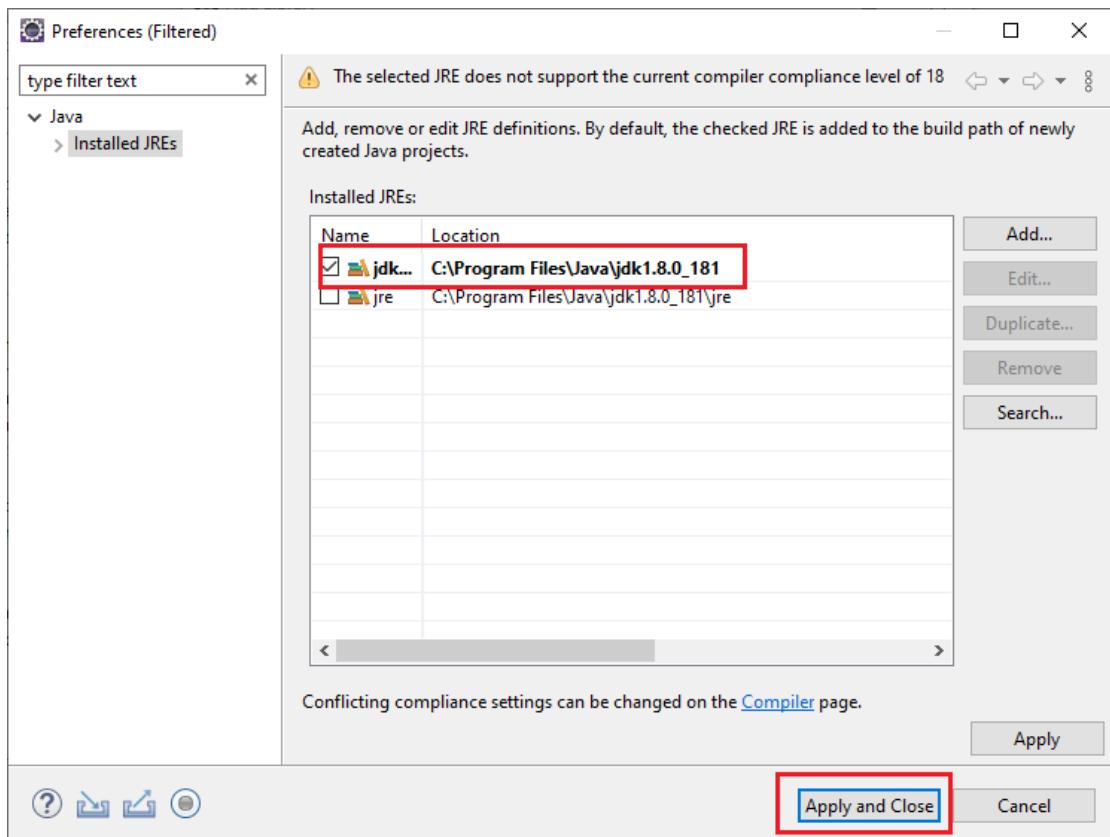
JDK1.8 Setting



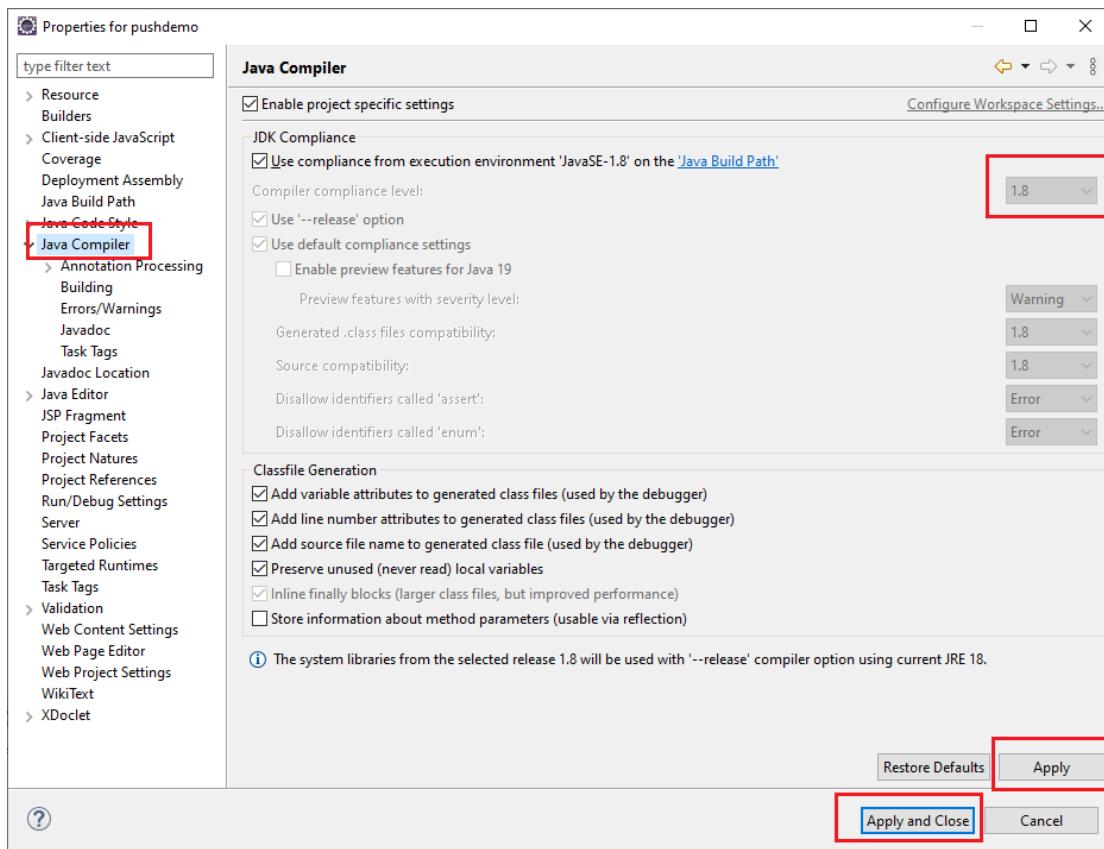


Then click finish

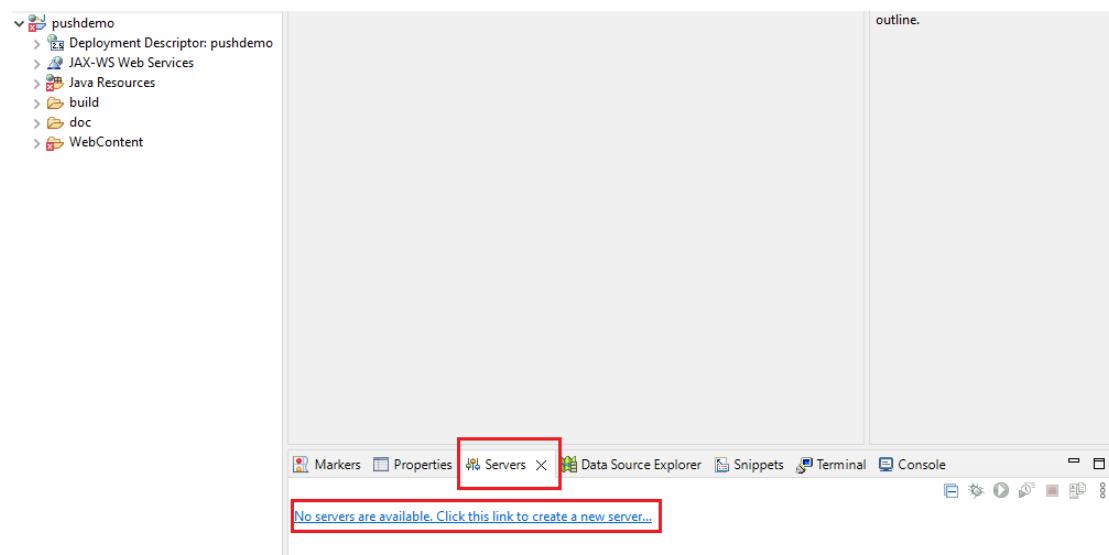




Check java compiler whether jdk is 1.8 or not.

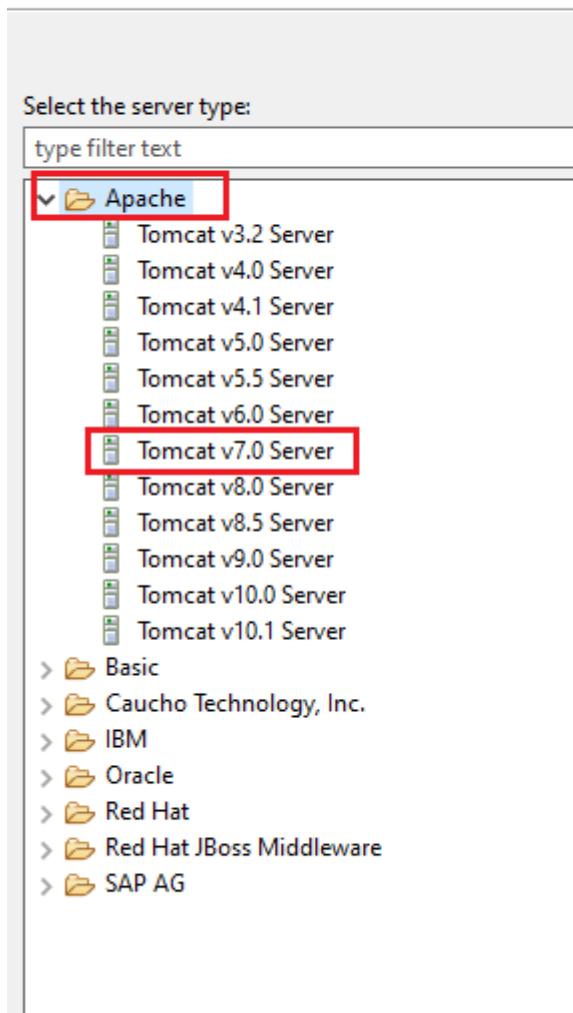


2.Add Apache Tomact Server

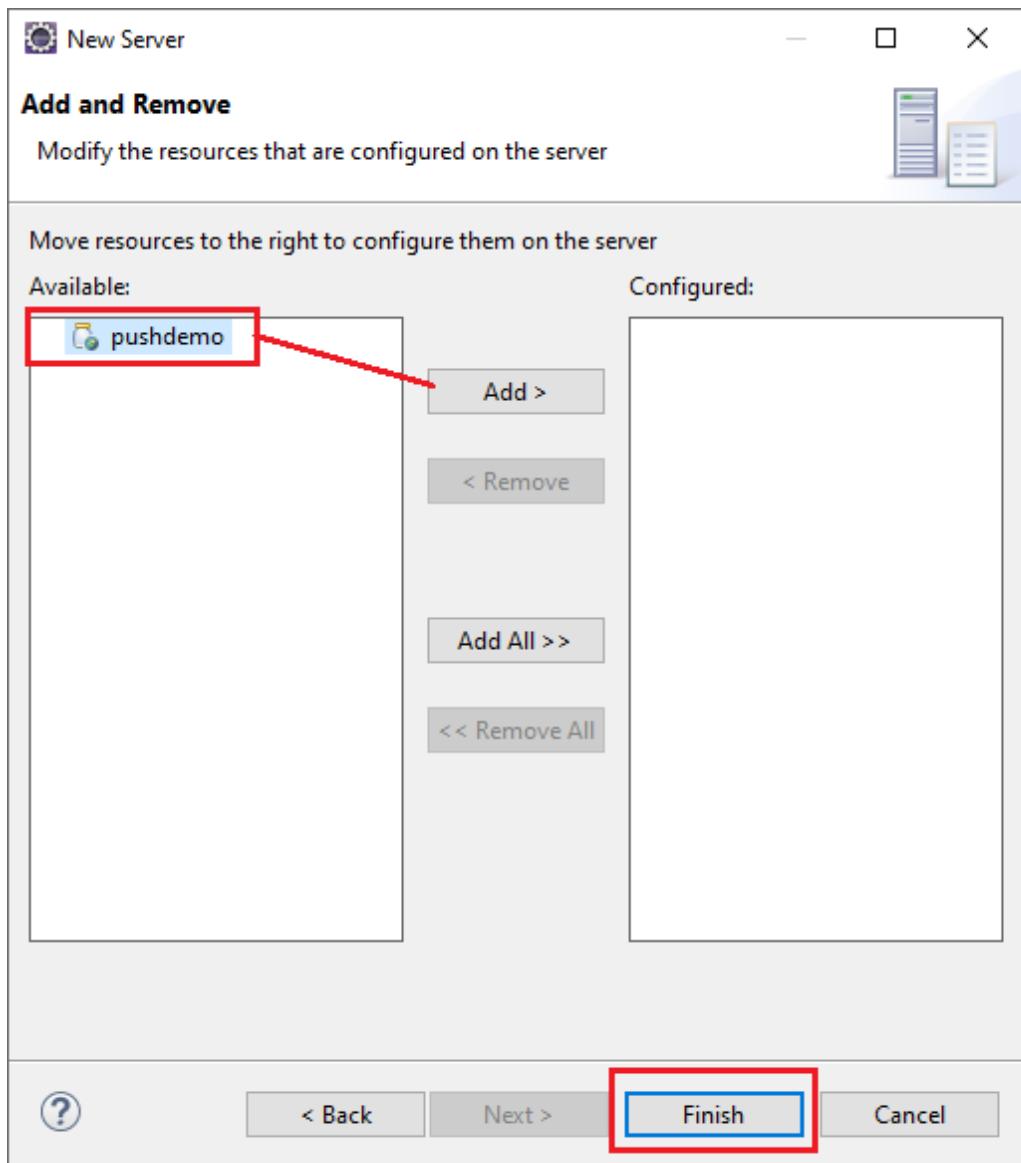


Define a New Server

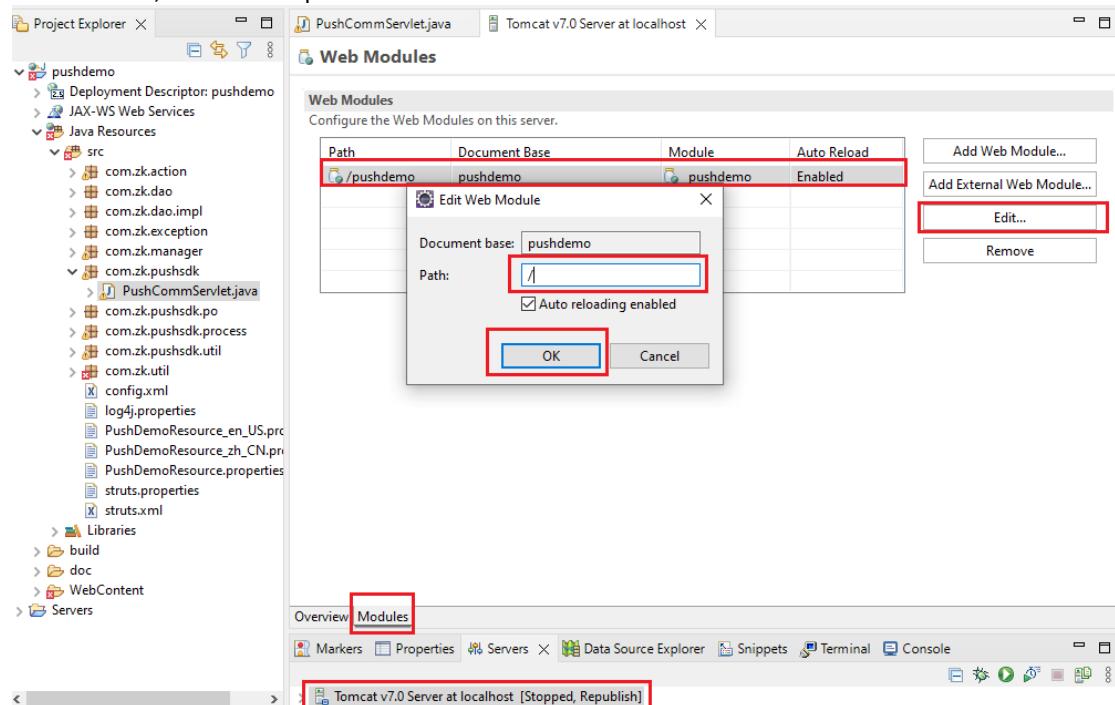
Choose the type of server to create



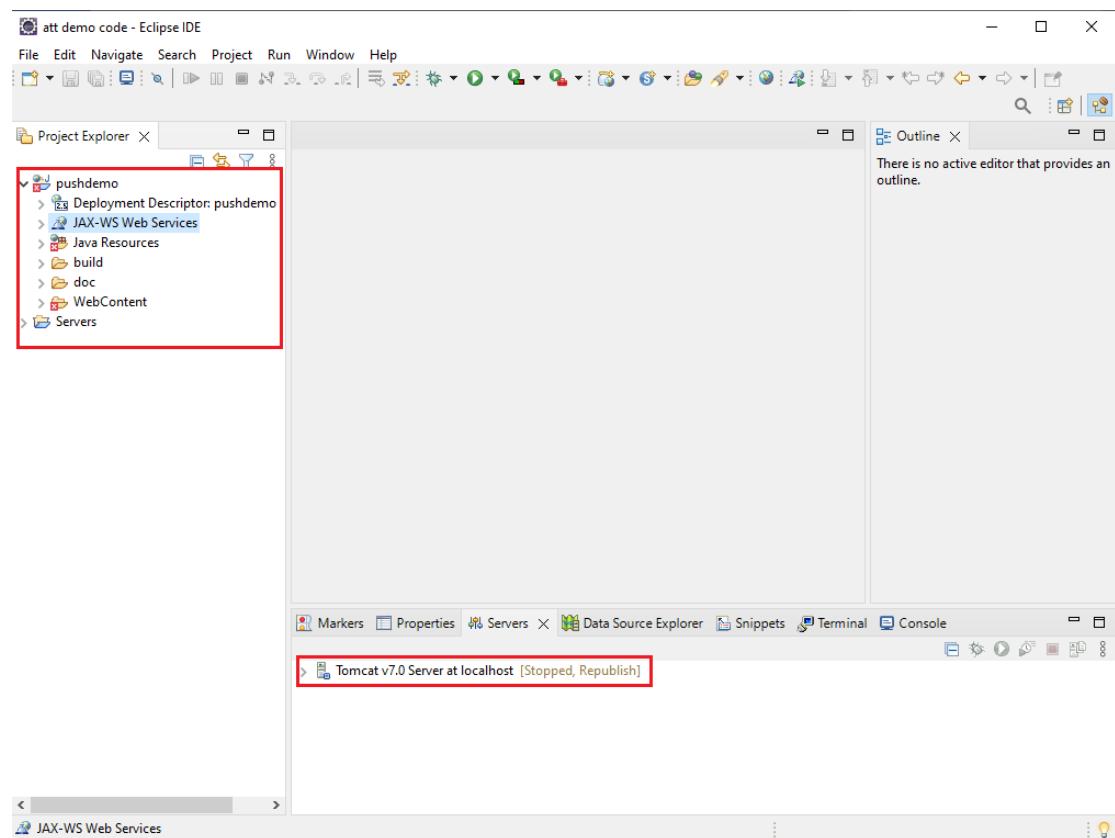
click Next.



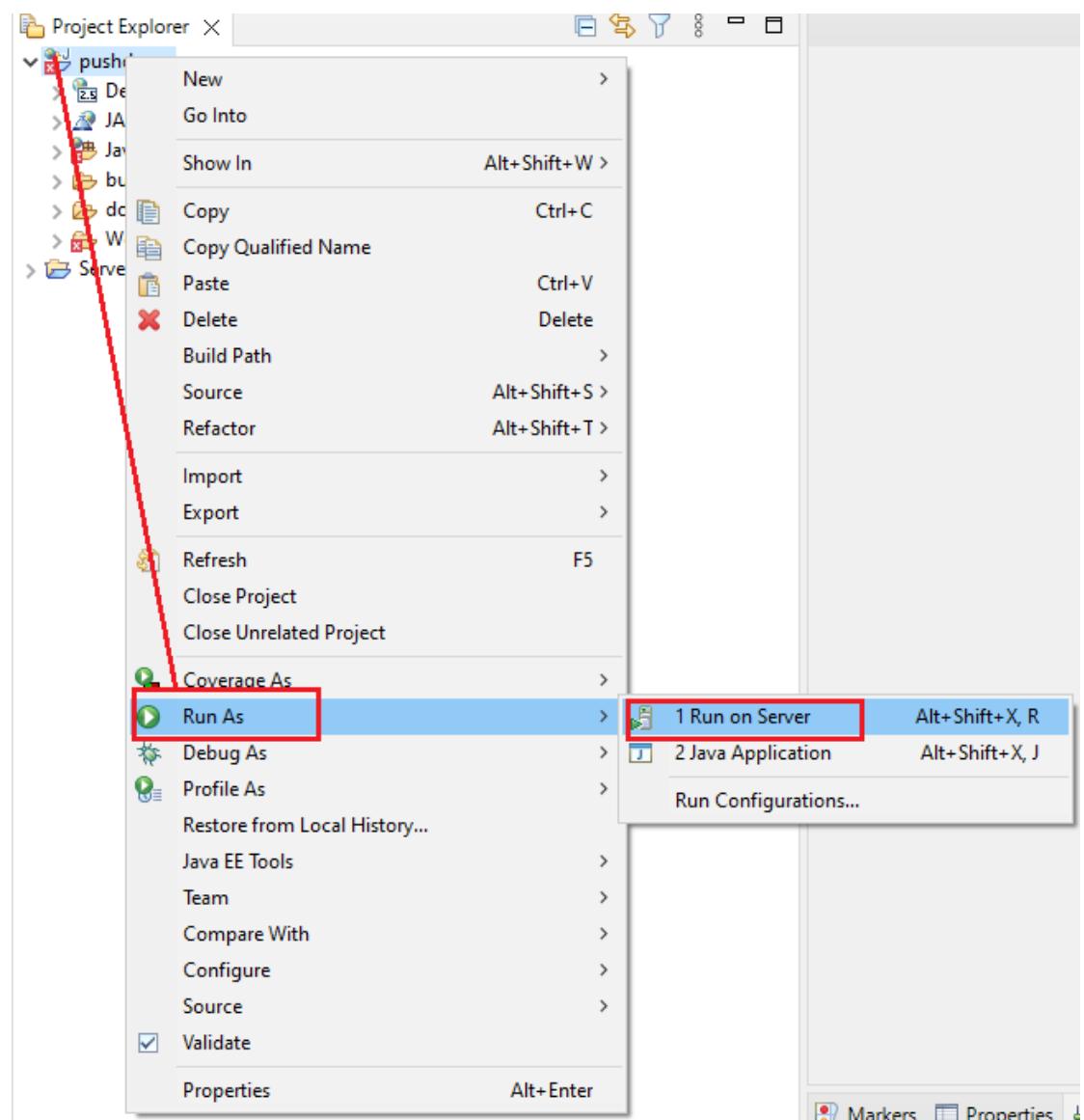
Open Tomcat Server and select modules; the image below will appear; then select the push demo and click edit, then set the path as shown below.



This is what the eclipse looks like after adding the server.



Run the source code



Att application

The att application will appear in a web browser.

The screenshot shows a web-based management interface for a ZKTeco device. The top navigation bar includes links for Device, Data, Log, System, and Device Commands, along with a 'Ver. 2.0.2 2022-03-29' timestamp. A green 'Options' button is visible on the left. The main content area displays a table with one row of data. The columns represent various device metrics: SN, IP Addr, Dev Name, Status, Last Online Time, User Count, User Count on the Server, FP Count, FP Count on the Server, Face Count, Face Count on the Server, Palm Mask, Temperature, Record Count, Record Count on the Server, and Dev Function. The single row of data corresponds to the device with SN OKJW204360409, IP Addr 10.10.20.151, Dev Name OKJW204360409, Status Offline, Last Online Time 2023-06-01 10:55:42, User Count 1, User Count on the Server 1, FP Count 0, FP Count on the Server 0, Face Count 1, Face Count on the Server 1, Palm Mask 0, Temperature 0, Record Count 3, Record Count on the Server 1, and Dev Function FP, FACE, USERPIC, BIOPHOTO, BIODATA. At the bottom of the table, there are links for 'Total 1/1', 'Previous', 'Next', 'Jump to', and a page number input field.

SN	IP Addr	Dev Name	Status	Last Online Time	User Count	User Count on the Server	FP Count	FP Count on the Server	Face Count	Face Count on the Server	Palm Mask	Temperature	Record Count	Record Count on the Server	Dev Function	
OKJW204360409	10.10.20.151	OKJW204360409	10.10.20.151	Offline	2023-06-01 10:55:42	1	1	0	0	1	1	0	0	3	1	FP,FACE,USERPIC,BIOPHOTO,BIODATA

Copyright: ZKTeco Inc. 2021-2022