

```
1 package org.example;
2
3 import org.apache.catalina.Context;
4 import org.apache.catalina.LifecycleException;
5 import org.apache.catalina.Wrapper;
6 import org.apache.catalina.startup.Tomcat;
7 import org.example.web.MyInvoiceServlet;
8
9 public class ApplicationLauncher {
10
11     static final int defPort = 8080;
12
13
14     public static void main(String[] args) throws
LifecycleException {
15         /** use this with java -Dport80xx -jar
target/xy
16         if Port not provided as Parameter -> use
default Port */
17
18         int port;
19         String sPort = (System.getProperty("port"
));
20
21         if ((sPort == null) || (sPort.isEmpty())) {
22             port = defPort;
23         } else {
24             port = Integer.parseInt(System.
getProperty("port"));
25         }
26         Tomcat tomcat = new Tomcat();
27
28         tomcat.setPort(port);
29         tomcat.getConnector();
30
31         Context ctx = tomcat.addContext("", null);
32         Wrapper servlet = Tomcat.addServlet(ctx, "
org.example.web.MyInvoiceServlet", new
MyInvoiceServlet());
33         servlet.setLoadOnStartup(1);
34         servlet.addMapping("/*");
35
36         tomcat.start();
37         System.out.println("Tomcat started.....");
```

```
38         System.out.println("Listen at Port: " +  
    port);  
39     }  
40 }
```