**Configure KeyCloak Locally**

#### Clone Keycloak project.

git clone <https://github.com/keycloak/keycloak.git>

#### Import project in intelij and build project.

mvn clean install -DskipTests

The build artifacts will be generated in the quarkus/dist directory.

Unzip compiled FileC:\Users\yasir.rehman\keycloak-server\keycloak\quarkus\dist\target

1. This folder contains zip file of compiled keycloak code in file keycloak-999.0.0-SNAPSHOT.zip.
2. At current path it will not allowed to unzip files due to long file path.
3. So, copy keycloak-999.0.0-SNAPSHOT.zip file to desktop or some root folder and unzip there. In my case I place file in Downloads.
4. Now got to “C:\Users\yasir.rehman\Downloads\keycloak-999.0.0-SNAPSHOT” path and run following command.

#### Start Server

1. Open terminal at Path C:\Users\yasir.rehman\Downloads\keycloak-999.0.0-SNAPSHOT.
2. Run command bin/kc.sh start-dev
3. This will open another terminal and starts Keycloak with an embedded H2 database.

Once started, access Keycloak at:

http://localhost:8080/admin

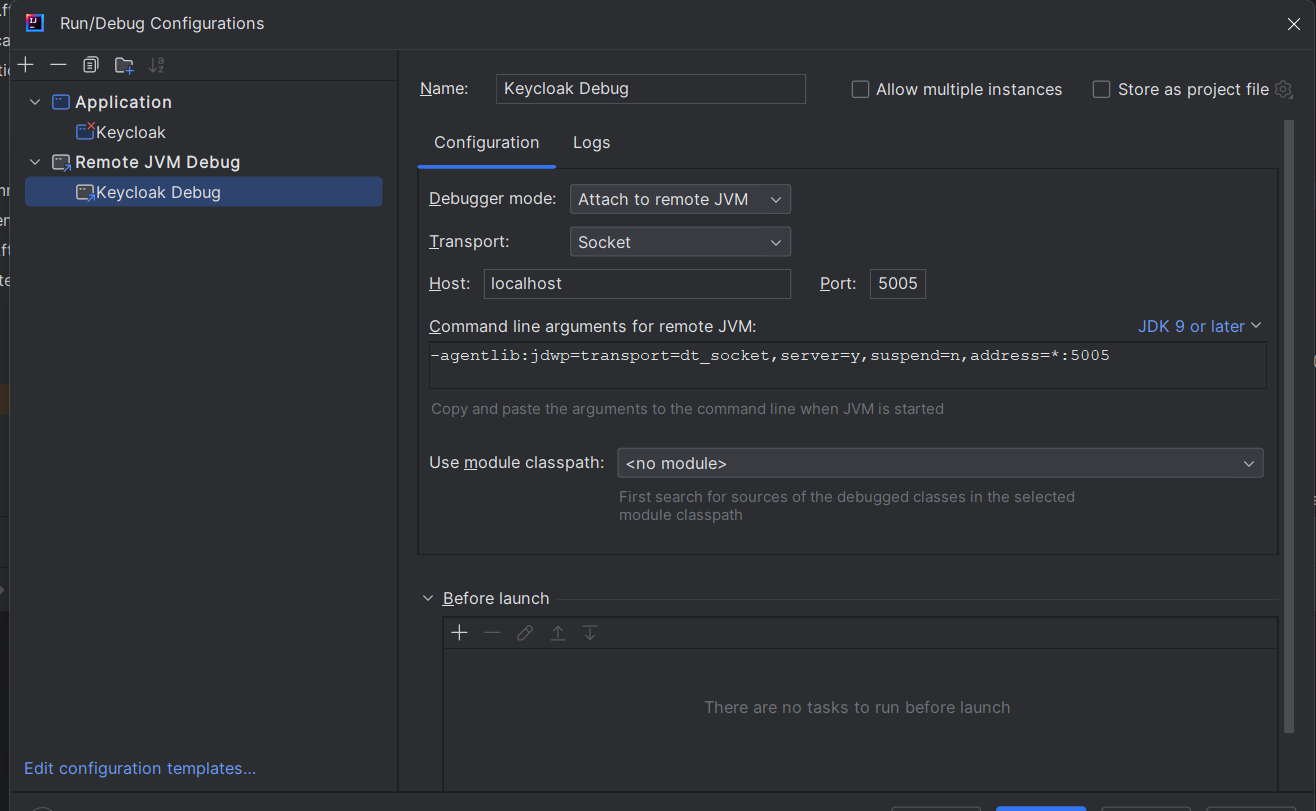
Login with:

* Username: **admin**
* Password: **admin**

#### To enable debugging:

1. To run keycloak in debug first start keycloak in debug mode using following command.

bin/kc.sh start-dev --debug 5005

1. This allows remote debugging on port **5005**.
2. Then use Following configuration in intelij for remote debug.  
     
   

#### Stop Keycloak:

To stop Keycloak, press **Ctrl + C** in newly opened terminal.