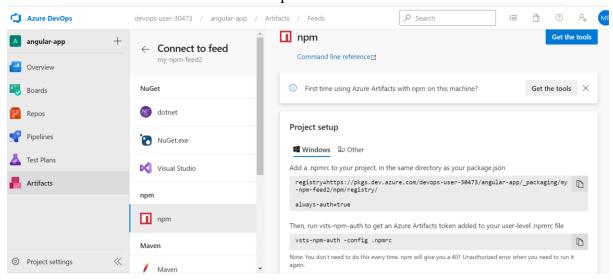
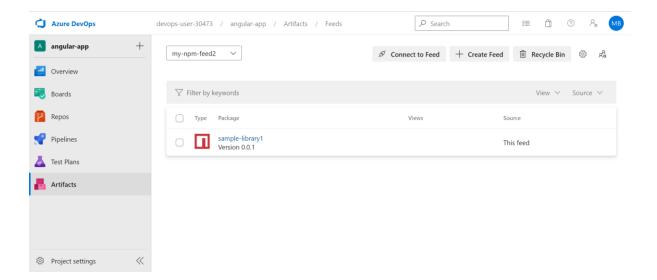
- 1. Create a workspace for our library!
 - a. ng new sample-project1 -create-application=false
- 2. Create new library inside our sample-project1 workspace
 - a. ng generate library sample-library1
- Create new feed → default visibility → check upstream → project level scope and give any feed name
- 4. Click on connect to feed button \rightarrow select npm



5. Add file called .npmrc to your sample-project1 workspace and add following contents registry=https://pkgs.dev.azure.com/devops-user-30473/angular-app/_packaging/my-npm-feed2/npm/registry/

always-auth=true

- 6. Then run following command in cmd of sample-project1, vsts-npm-auth -config .npmrc (first time: click on button Get the tools & follow the instruction)
- 7. execute npm install
- 8. Open package.joson file of our **sample-project1** and create new script
 - a. "build-library":"ng build sample-library1"
 - b. don't copy paste ("") double inverted comma may create problem
- 9. Then execute npm run build-library. This should create under sample-project1/dist/sample-library1
- 10. Then to publish the feed to azure Devops execute following command from sample-project1 workspace
- 11. npm publish dist/sample-library1



- 12. For using the feed in other angular project → create new project → copy same .npmrc file to the root of folder where your package.json file is present
- 13. npm install <u>sample-library1@0.0.1</u>

14. Then use import your library inside AppModule

```
D
                                          🚥 package json M 🝳 sample-library1.componentts U 😈 app.componenthtml M 🚨 app.componentts 🚨 app.module.ts M × 🖏 🖽 …
      OPEN EDITORS
                                           use-sample-project1 > src > app > 1 app.module.ts > 1 AppModule
         package.json_use-sample-project1 M a sample-library1.component.ts_sample-... U
                                              1 import { NgModule } from '@angular/core';
                                              2 import { BrowserModule } from '@angular/platform-browser';
         app.component.html use-sample-projec... M
                                              3 import { SampleLibrary1Module } from 'sample-library1';
         app.component.ts use-sample-project1\src\app
                                              5 import { AppComponent } from './app.component';
      MY-ANGULAR-LIBRARY
                                             7 @NgModule({
                                                     declarations: [
                                             9
                                                      AppComponent
         angular.json
                                             10
                                             11
                                                    imports: [
          README.md
                                                    BrowserModule,
SampleLibrary1Module
                                             12
                                             13
                                             15
                                                   providers: [],
                                             16
                                                   bootstrap: [AppComponent]
                                             17 })
          app.component.html
app.component.spec.ts
app.component.ts
                                             18 export class AppModule { }
          app.module.ts
```

15. Open inside app.component.html file use your library component



16. run use-sample-project using npm start

17. Open your browser



sample-library1 works!