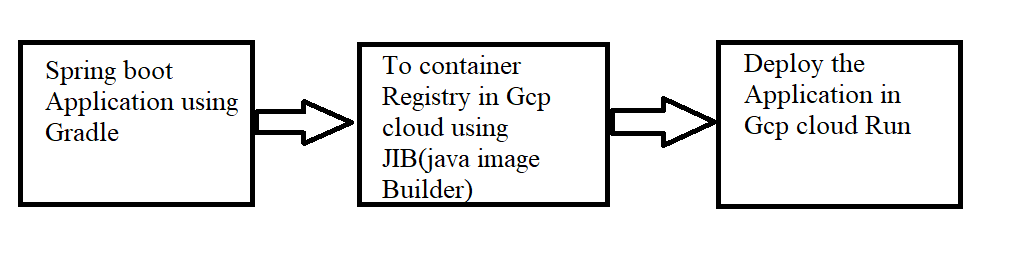
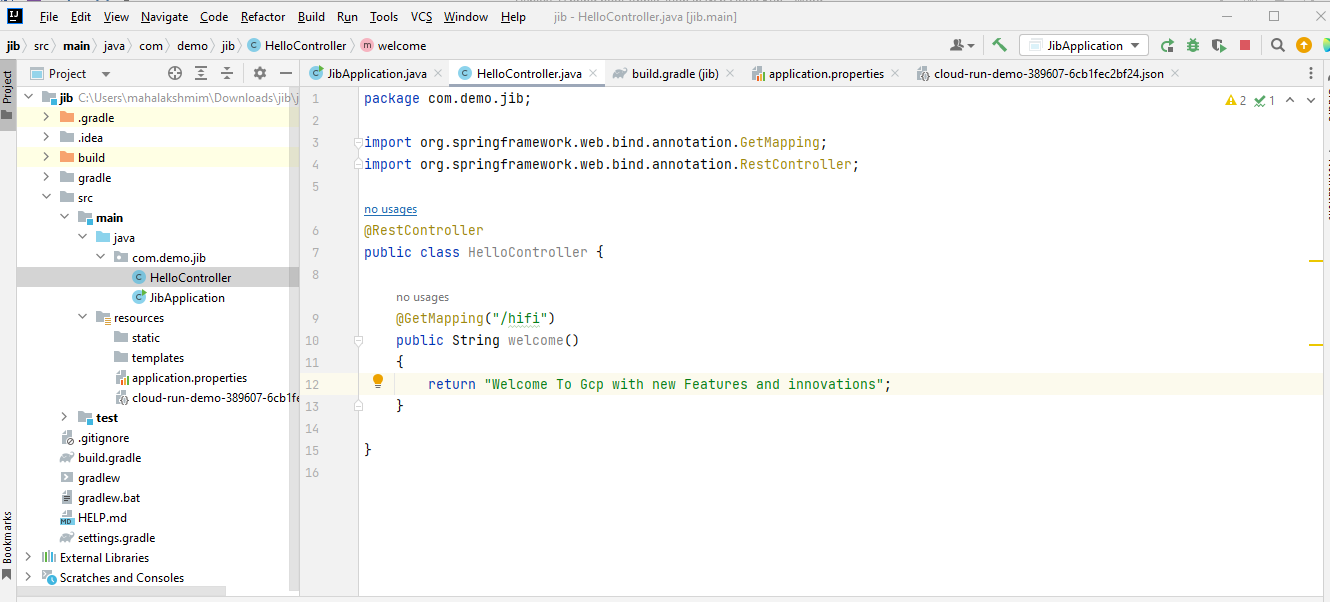
**Deploy a spring boot Application in Gcp cloud Run**

**WorkFlow:**



**Step1:** Here I have one simple spring boot application using Gradle



**Step2:** Next step I need to push this application into container registry as a JIB(Java Image Builder).For that I need to add some dependencies in my **build.gradle** file

**Build.gradle:**

plugins **{** id 'java'  
 id 'org.springframework.boot' version '2.7.12'  
 id 'io.spring.dependency-management' version '1.0.15.RELEASE'  
 id 'com.google.cloud.tools.jib' version '3.1.0'  
**}**group = 'com.example'  
version = '0.0.1-SNAPSHOT'  
sourceCompatibility = '1.8'  
  
repositories **{** mavenCentral()  
**}**

**These are the basic configuration need to add in your application**

**gcr.io/cloud-run-demo-389607/hifi**

Here, **gcr.io**-pushing the application into container registry in Gcp

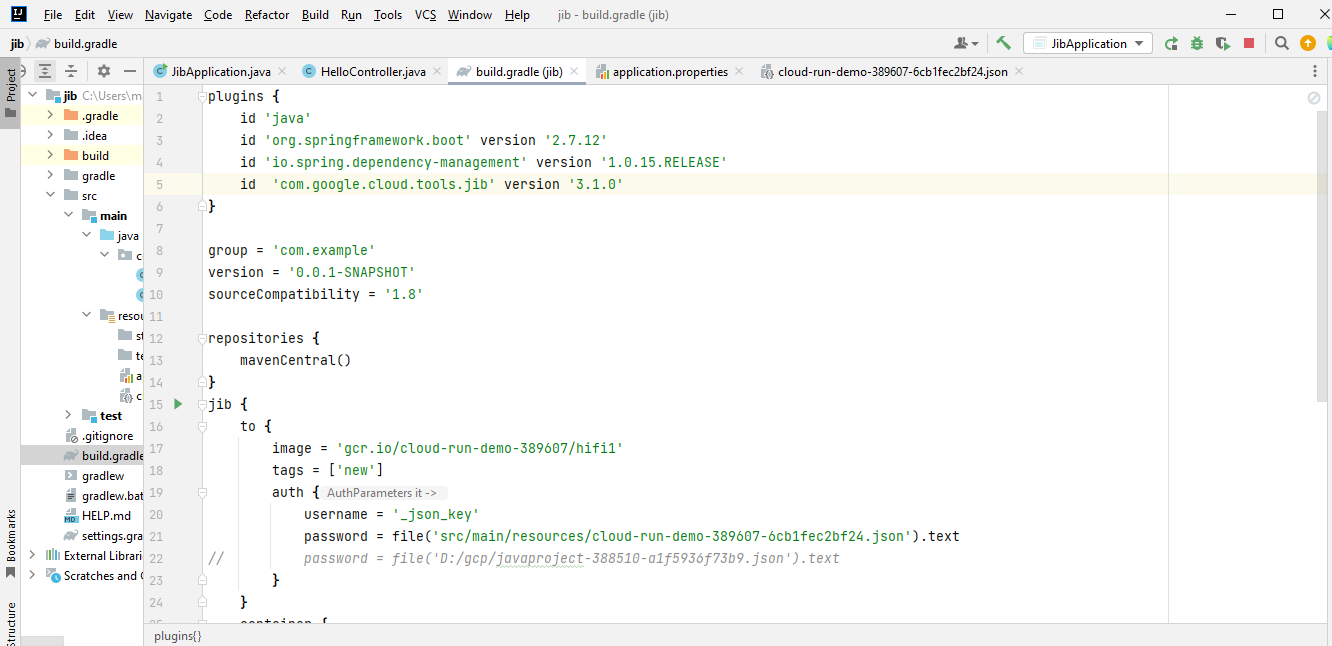
**Cloud-run-demo-38907**-this is my project name that I was created in GCp

**hifi1**-is the name that I given here to build on the container image in GCp

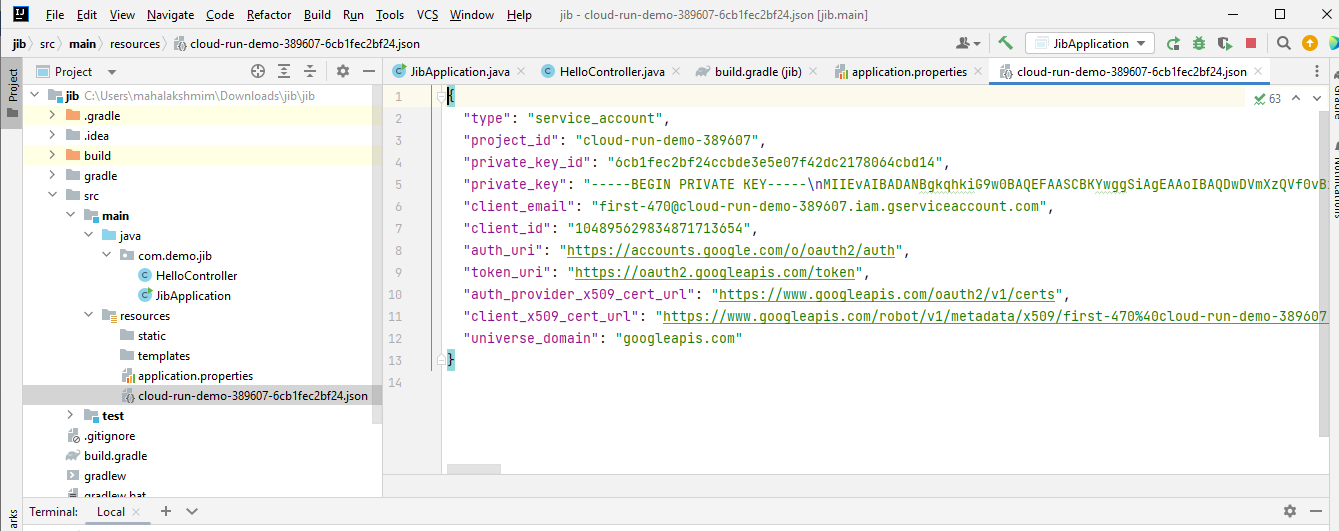
**password=file(‘src/main/resources/cloud-run-demo-389607-6cb1fec2bf24.json’).text**

**Here, cloud-run-demo-389607-6cb1fec2bf24.json-**once created a account in GCp you need to create one service account and that service account contain one **json file** in that json file it will contain some specification details for Authentication,you just download it and save it in your application workspace

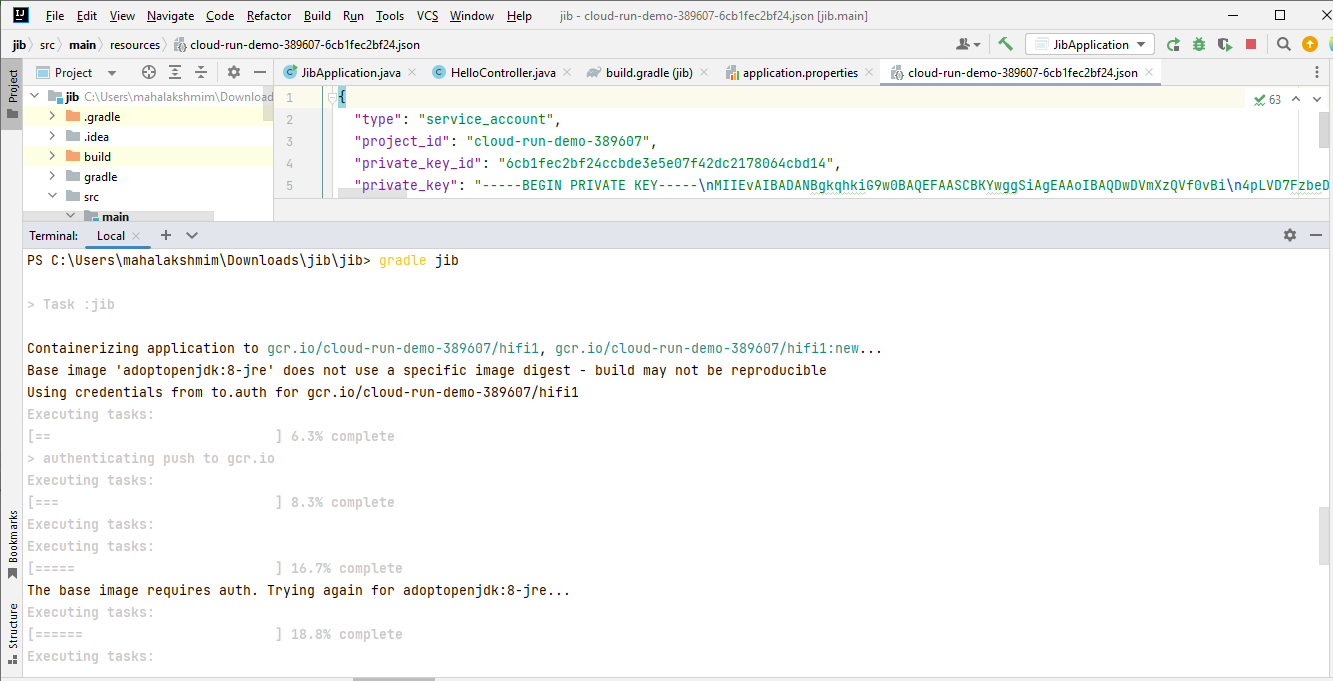
jib **{** to **{** image = 'gcr.io/cloud-run-demo-389607/hifi1'  
 tags = ['new']  
 auth **{** username = '\_json\_key'  
 password = file('src/main/resources/cloud-run-demo-389607-6cb1fec2bf24.json').text  
*// password = file('D:/gcp/javaproject-388510-a1f5936f73b9.json').text* **}  
 }** container **{** jvmFlags = ['-Xms512m', '-Xdebug']  
 **}  
}**dependencies **{** implementation 'org.springframework.boot:spring-boot-starter-web'  
 testImplementation 'org.springframework.boot:spring-boot-starter-test'  
**}**tasks.named('test') **{** useJUnitPlatform()  
**}**

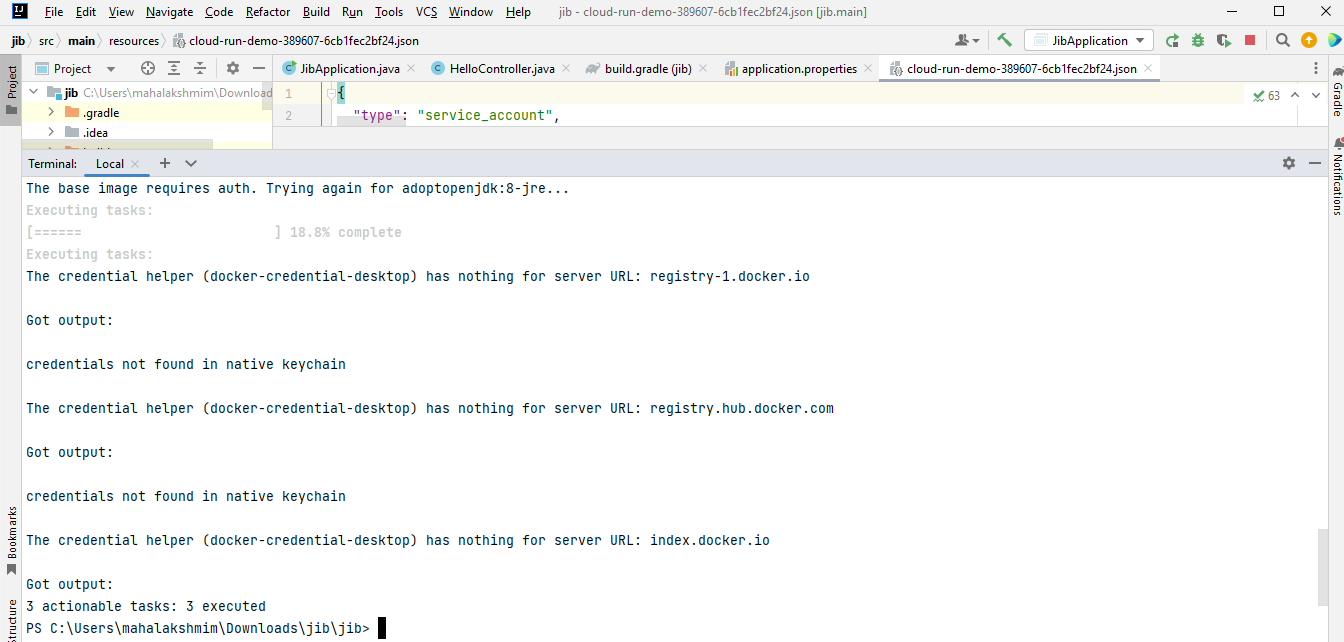


**cloud-run-demo-389607-6cb1fec2bf24.json**

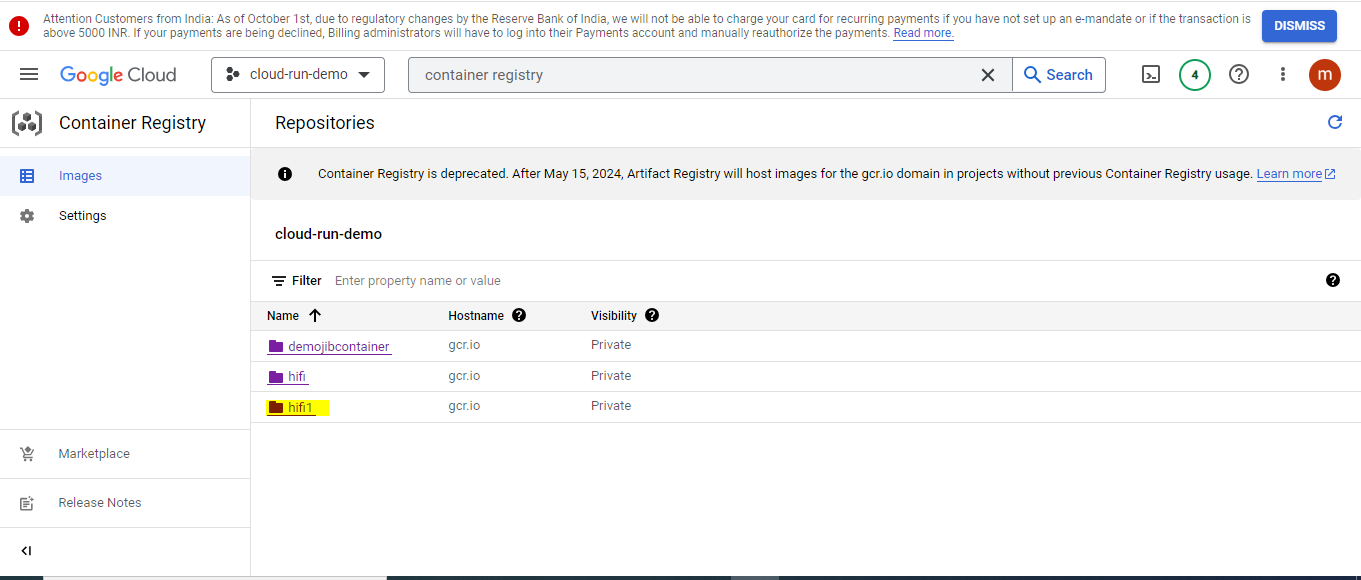


Once adding this configuration in your **build.gradle** file then save it and Run the Command in the Terminal **gradle jib**

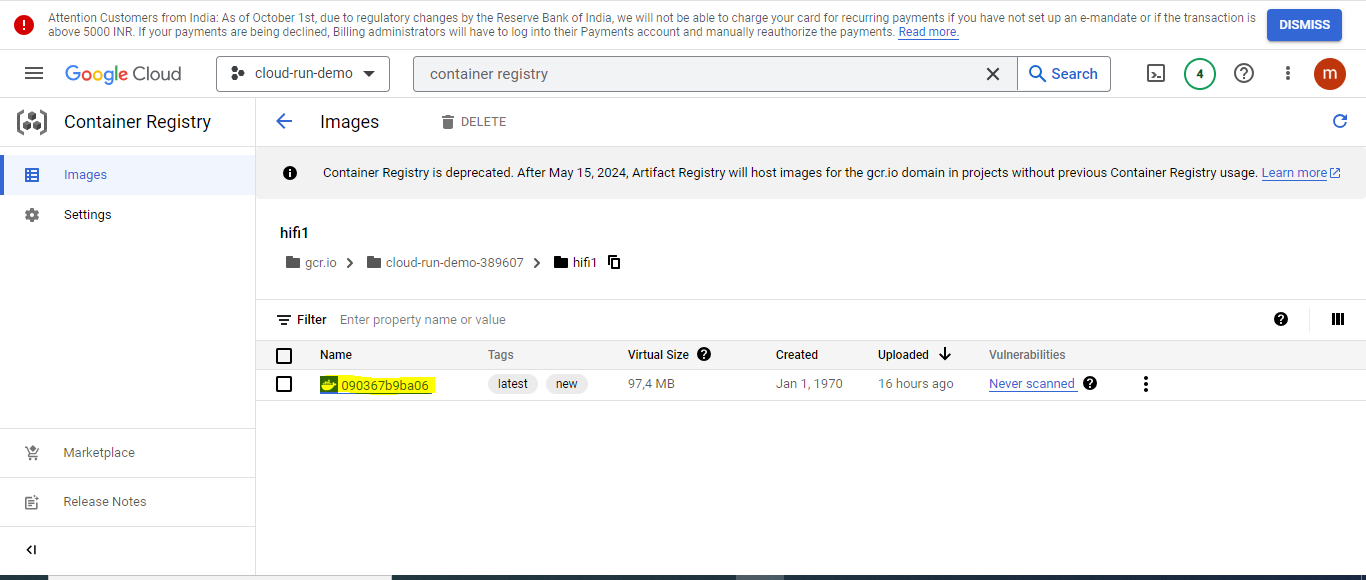




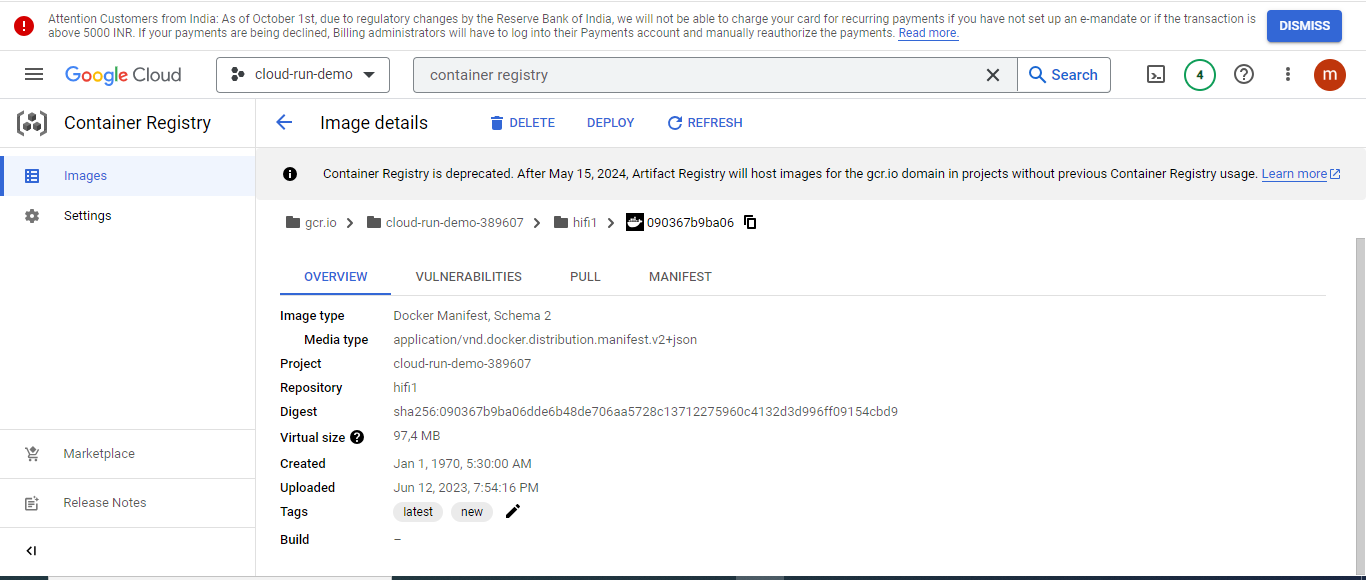
**Step3:** After completed the process you need to check the image has been build in your **container Registry in Gcp**



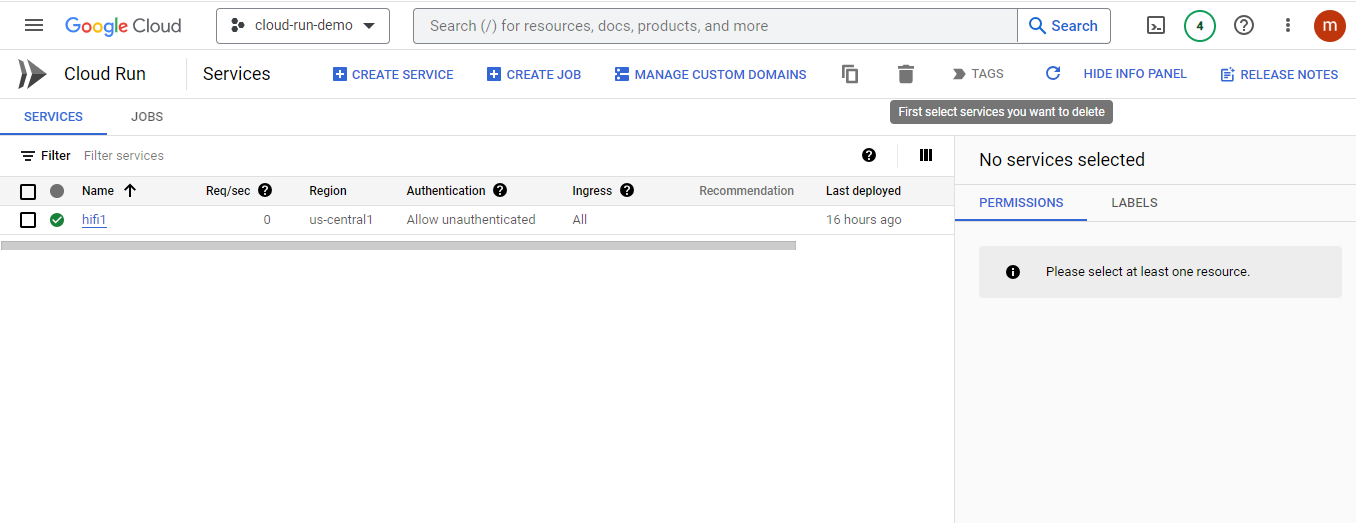
A docker has been created based on our configuration



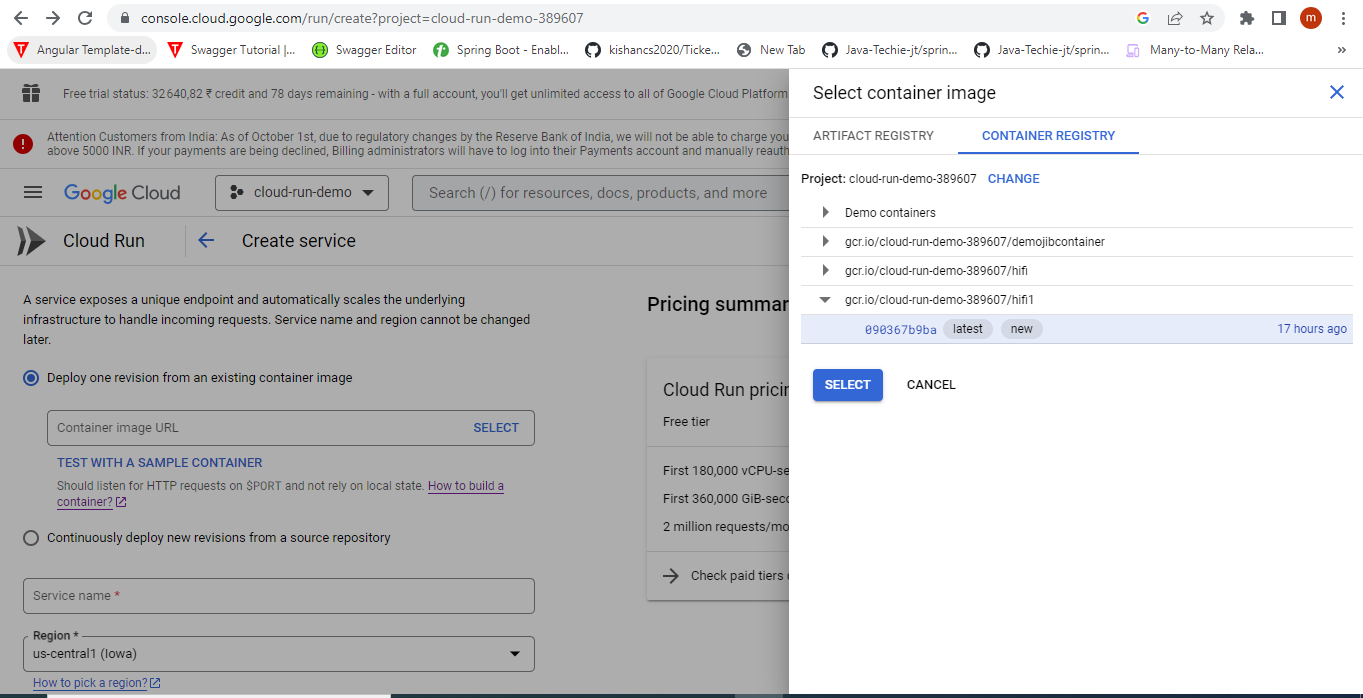
This was the overview of the **hifi1** image in container Registry in Gcp



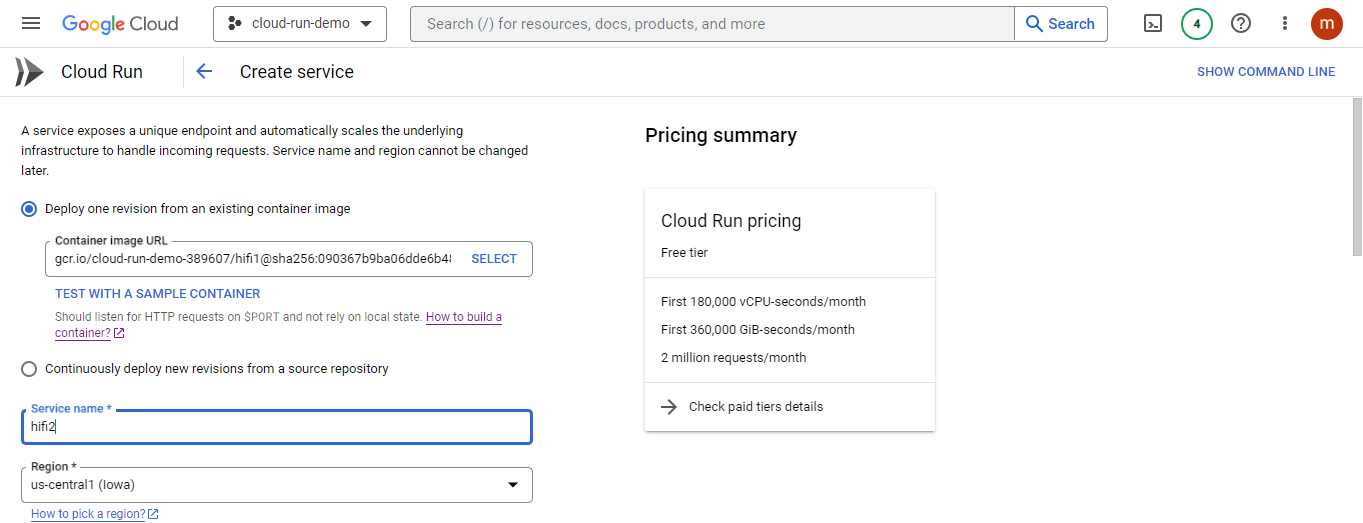
**Step4:** Next step will deploy the application in **Gcp cloud Run**



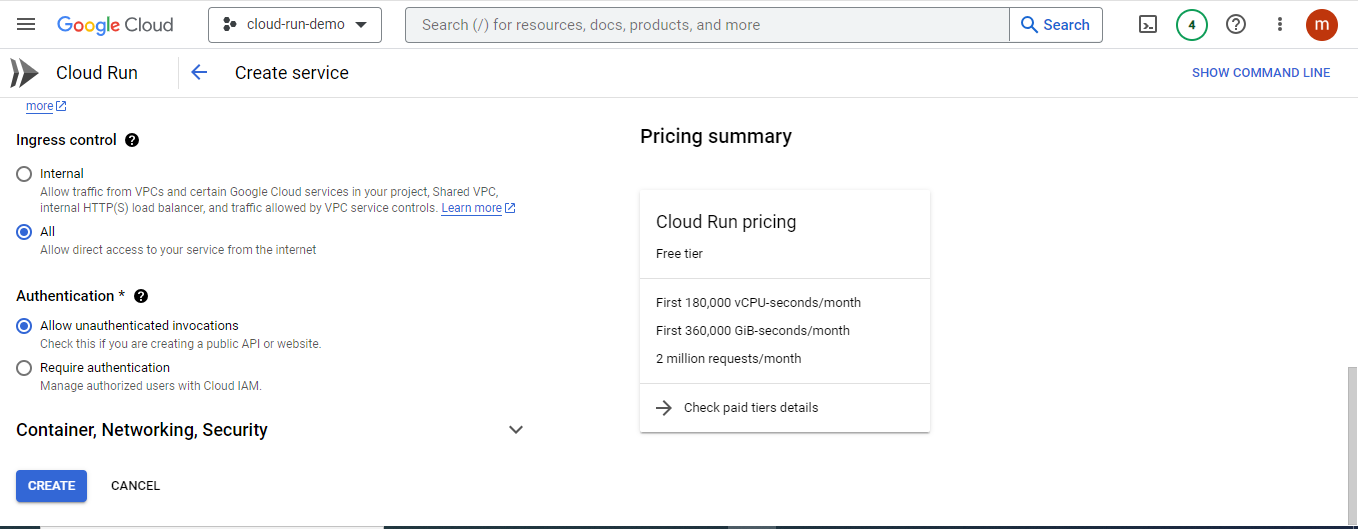
Here need to create one service in that service only need to deploy the Application in that only you will choose this container registry image and then deploy it .



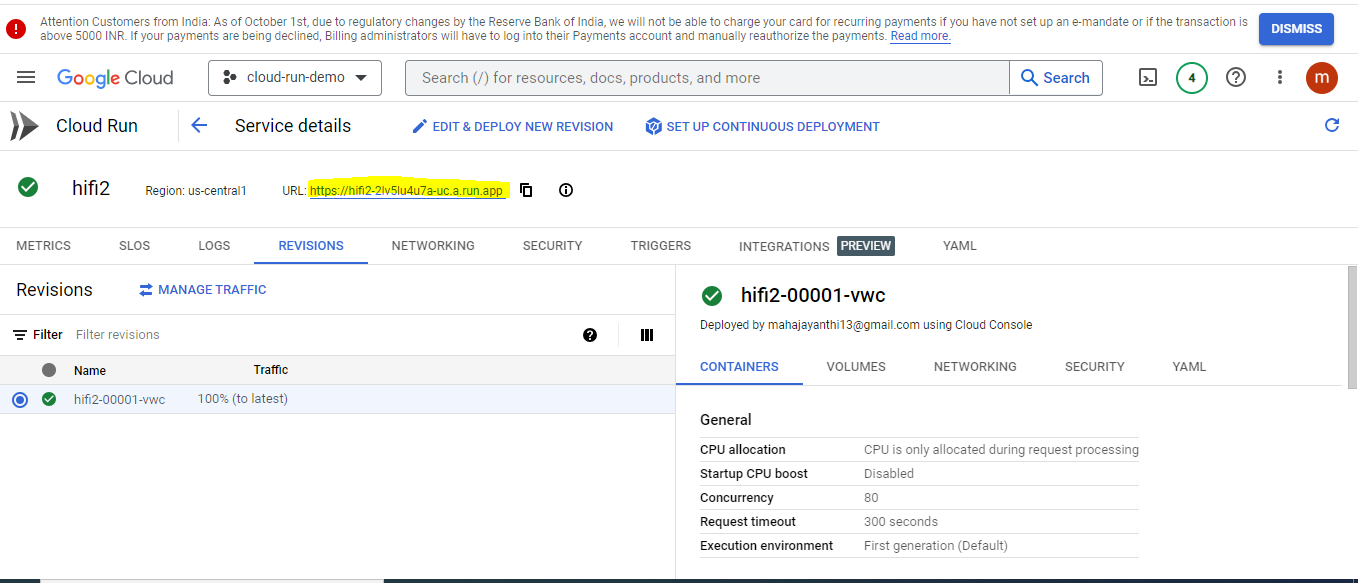
Here I given my service name as hifi2 because I already deployed one application with service name hifi1

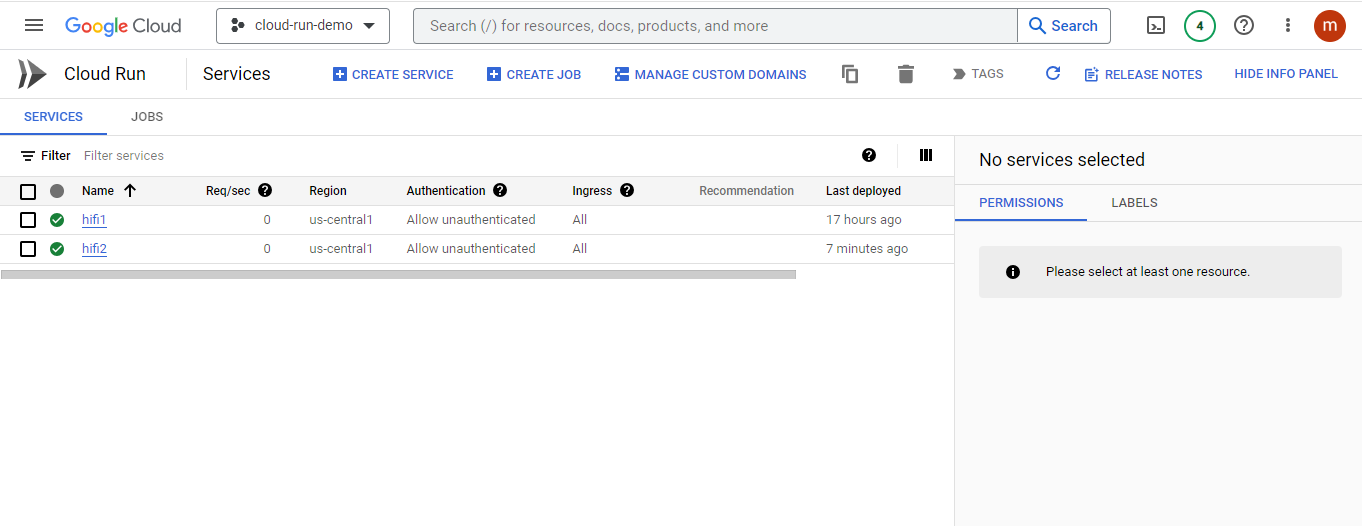


And click on **Create** Button



Once deployed successfully,you can able to get the link like image given below.





Once application was deployed successfully,atlast I get output through the url <https://hifi2-2lv5lu4u7a-uc.a.run.app/hifi>

