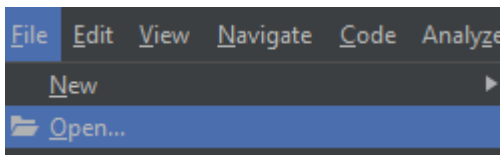


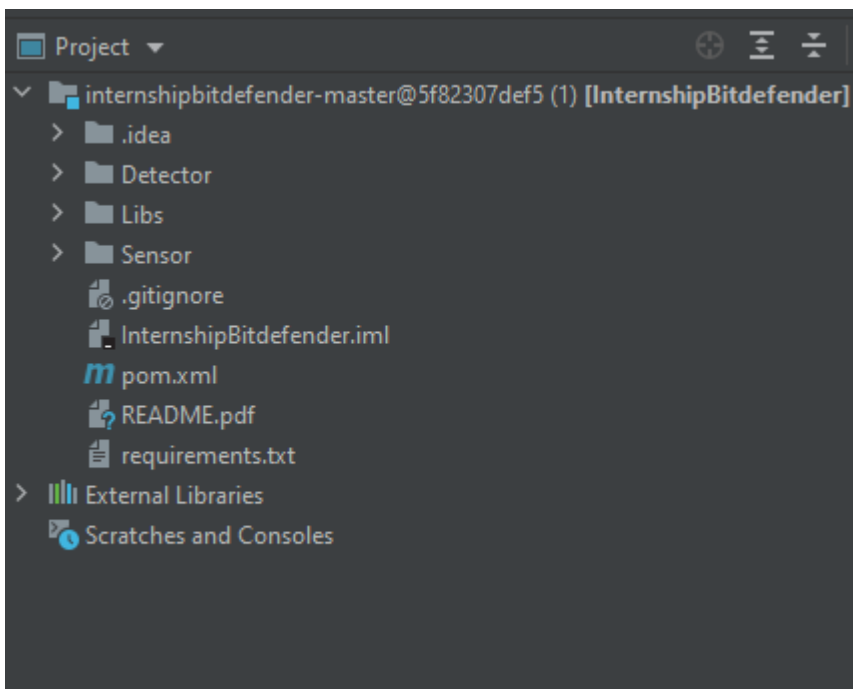
Configurarea si rularea proiectului:

Configurari de baza

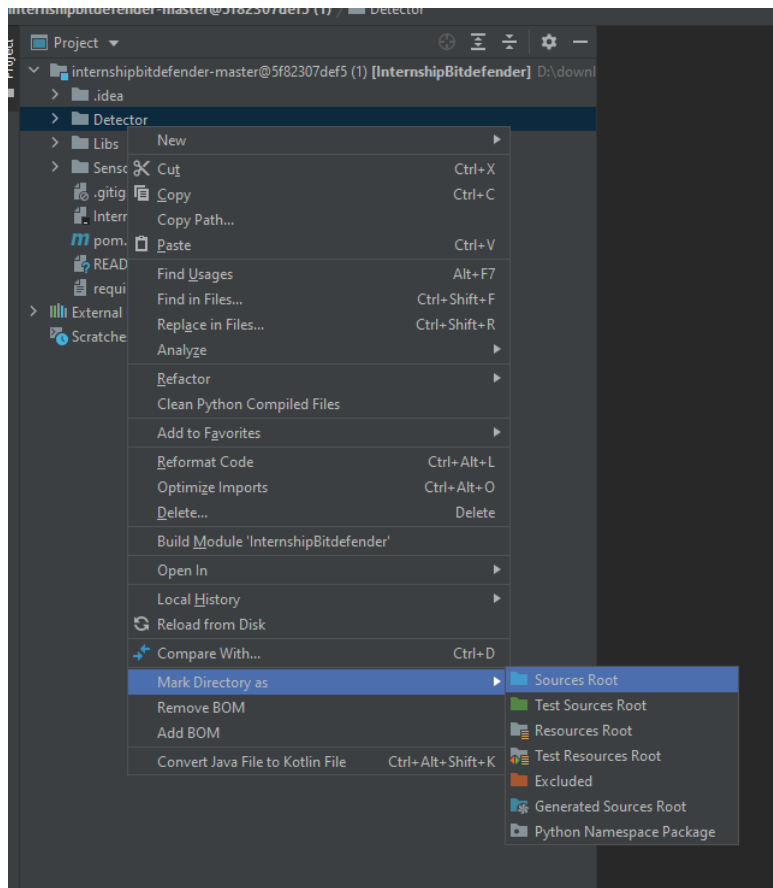
1. Instaleaza IntelliJ Community: <https://www.jetbrains.com/idea/download/>
2. Instaleaza Python (in principiu orice versiune este buna, proiectul a fost testat cu v 3.7) <https://www.python.org/downloads/> (retine locatia de instalare, va fi necesara pe parcursul configurarii)
3. Din IntelliJ deschide proiectul dezarhivat:



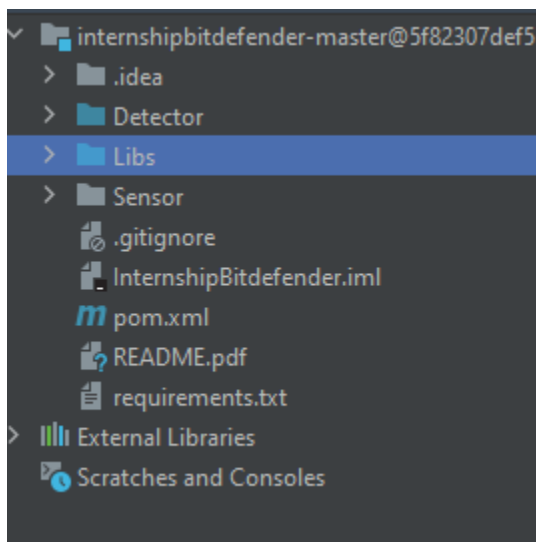
4. In partea stanga ar trebui sa vezi structura proiectului. Daca fereastra "Project" nu apare, apasa View > Tool Windows > Project. Ar trebui sa vezi urmatoarele:



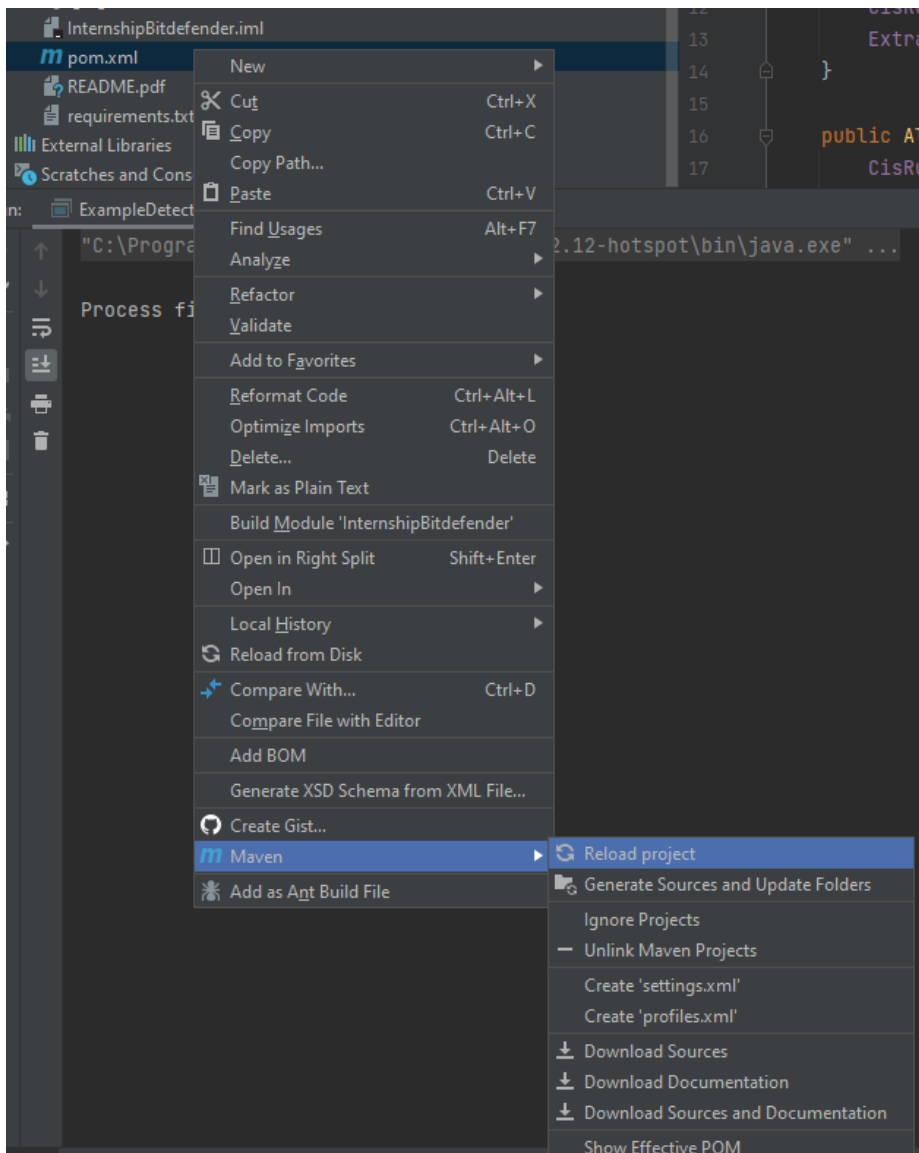
5. Apasa click-dreapta pe Detector > Mark Directory As > Source Root:



6. Apasa click-dreapta pe Libs > Mark Directory As > Source Root. Ar trebui sa vezi structura de foldere astfel:

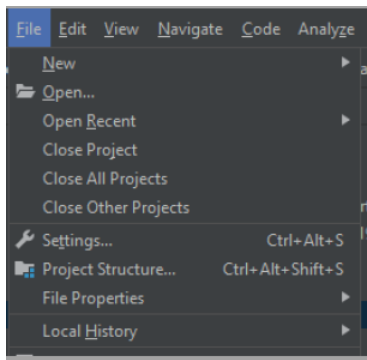


7. Click dreapta pe pom.xml > Maven > Reload Project:

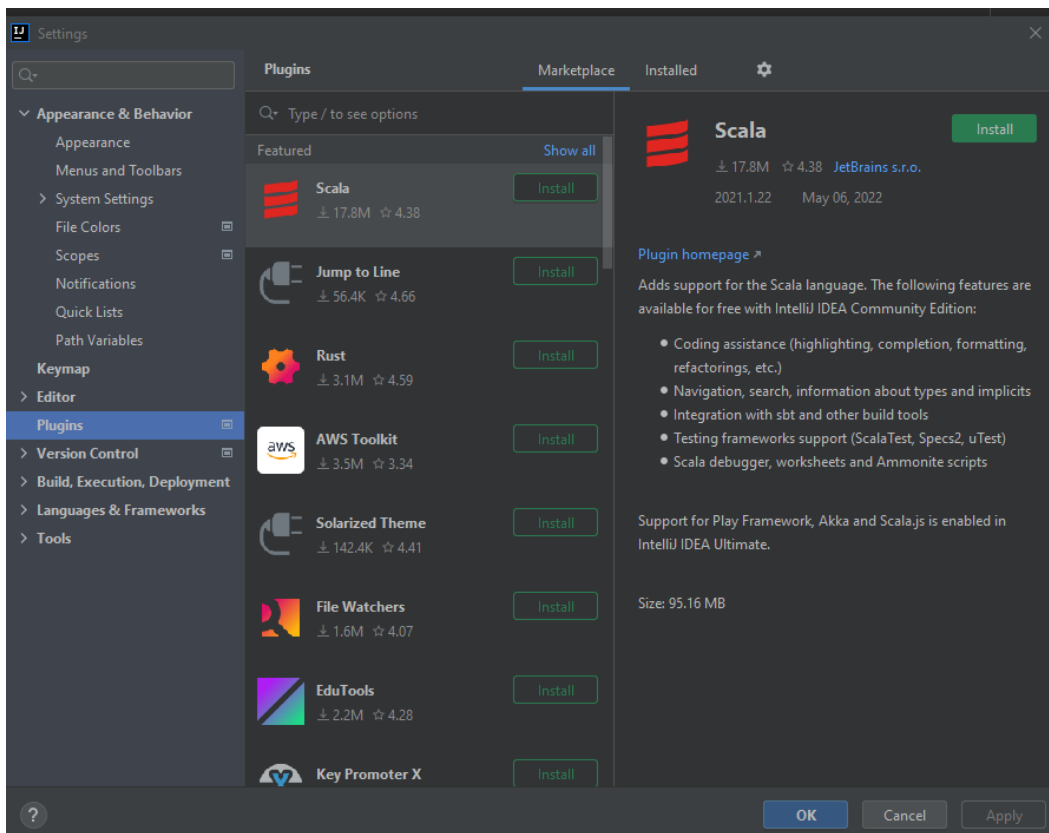


Configurarea pluginului de python:

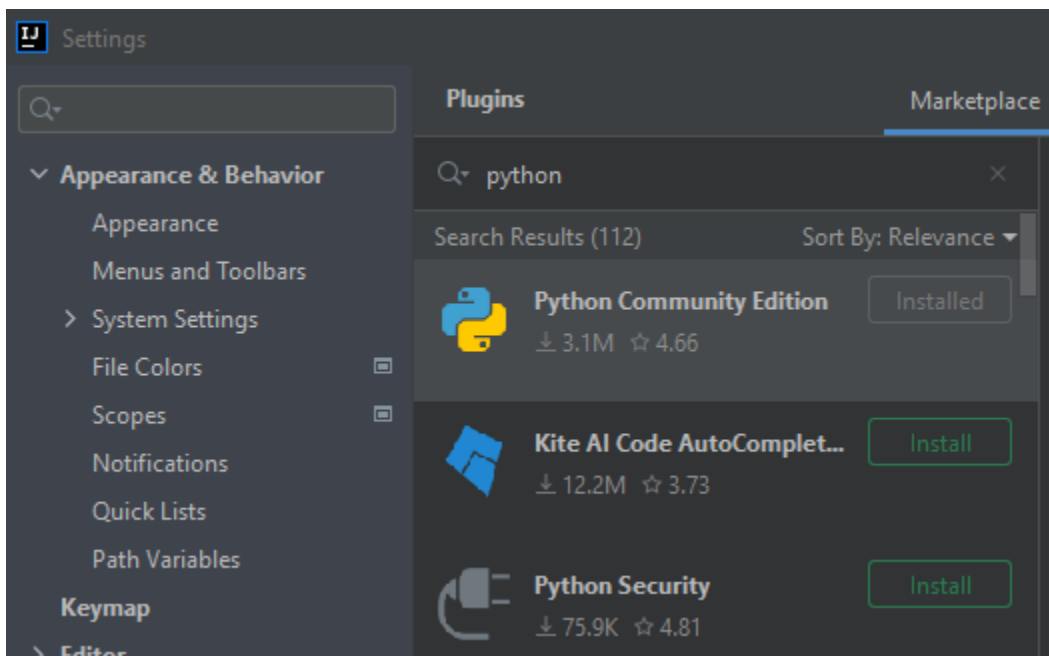
Mergi in File > Settings



In fereastra deschisa mergi la "Plugins > Marketplace"

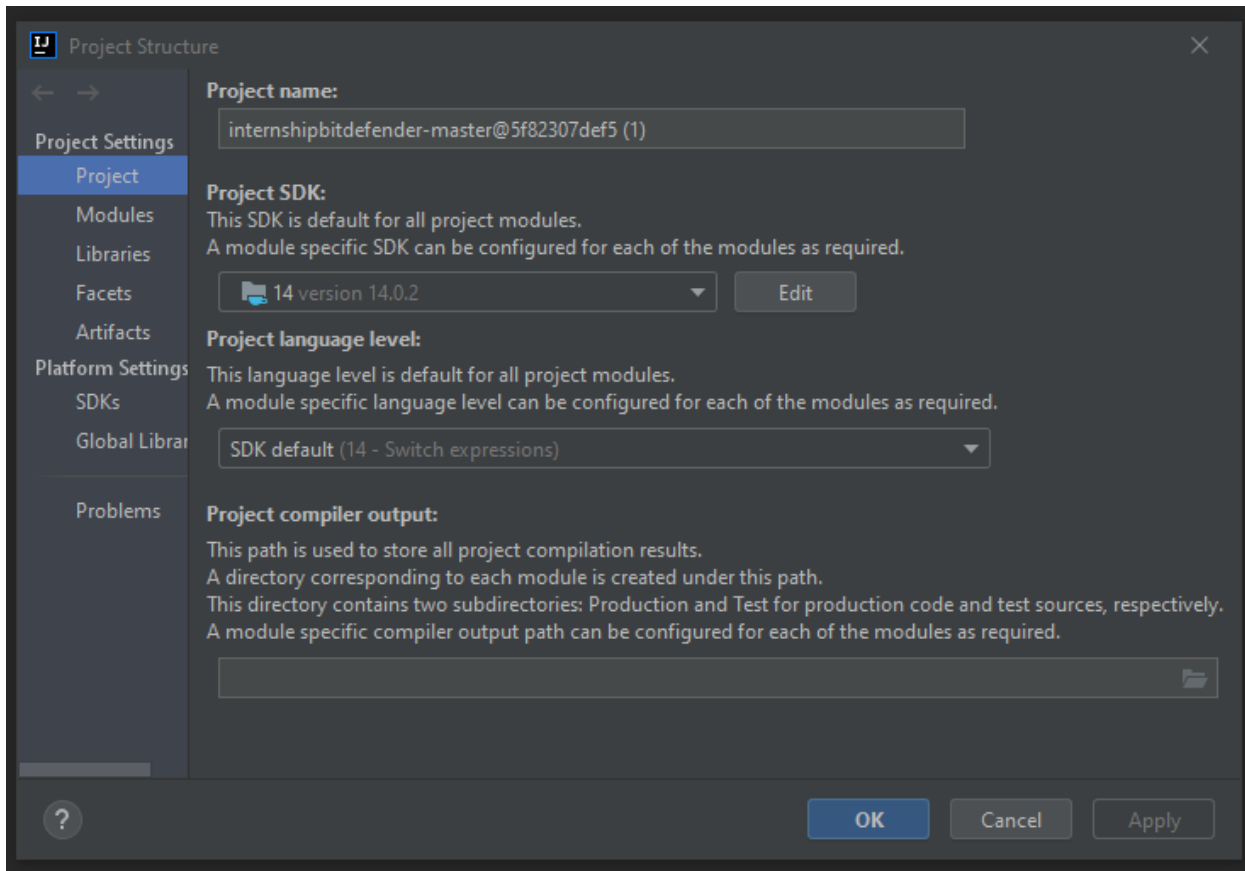


Cauta “Python Community Edition” si apasa install

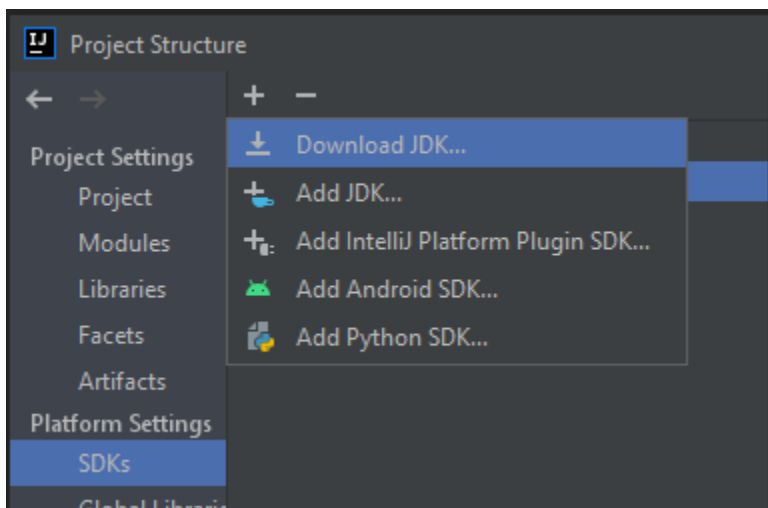


Configurarea SDK urilor:

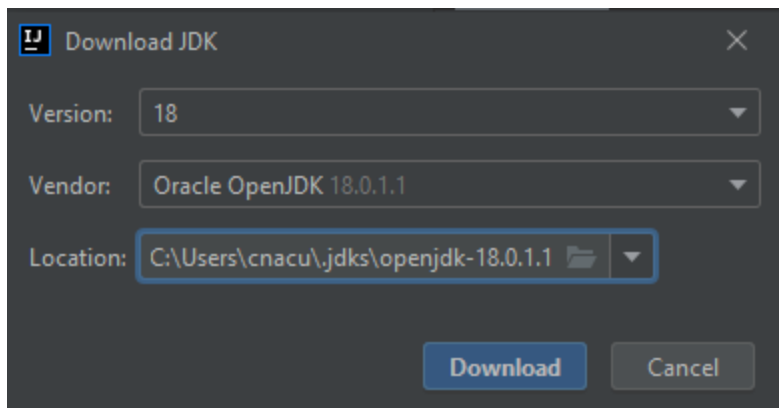
8. Apasa ctrl + shift + alt + s (Windows) / Mergi in File > Project Structure ... (Orice OS) si ar trebui sa vezi urmatoarea fereastra:



9. Mergi in "SDKs" si apasa butonul:



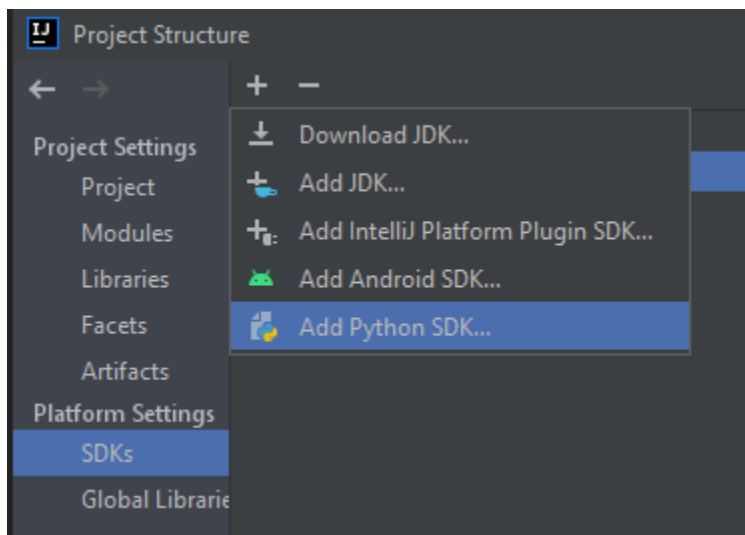
10. (ALTERNATIVA 1) Daca nu ai instalat JDK apasa "Download JDK..."



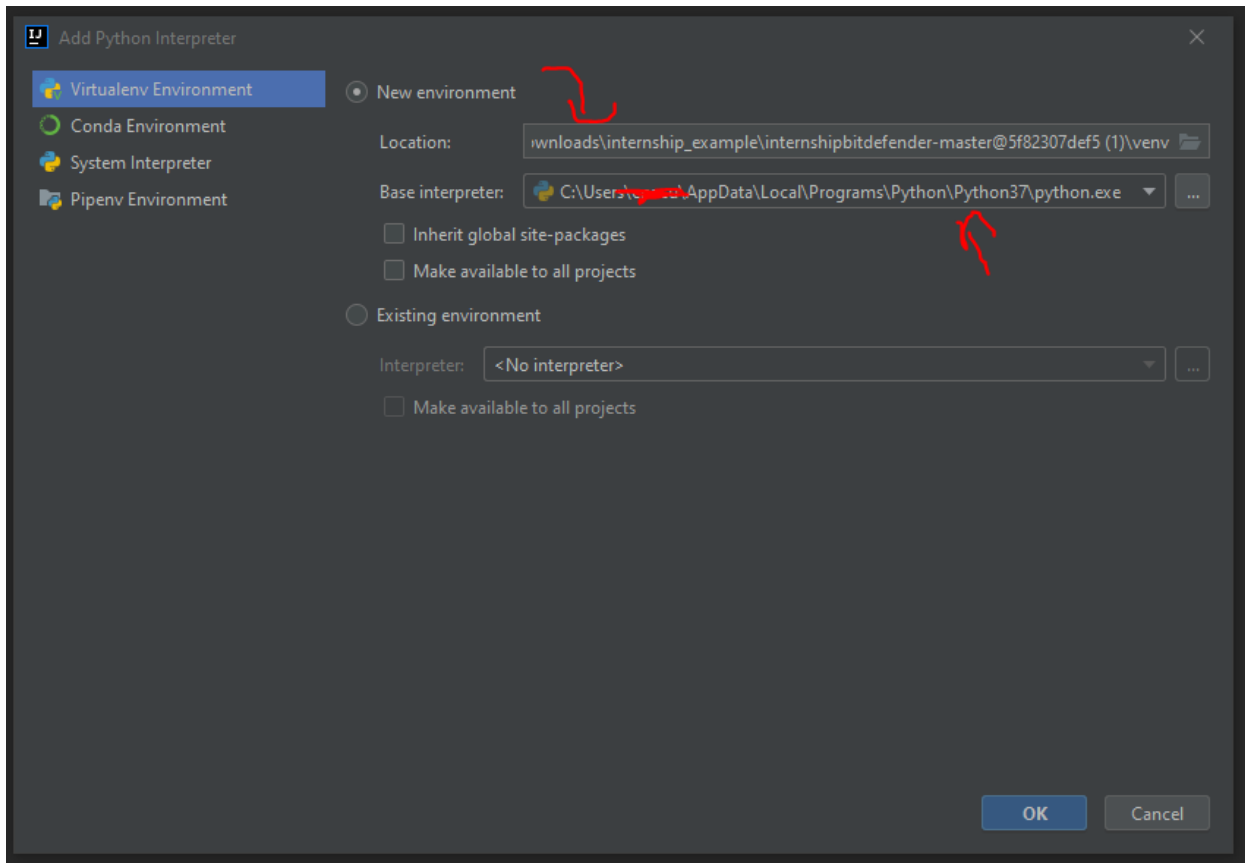
Alege versiunea preferata de Java JDK. Recomandam OpenJDK (proiectul a fost testat cu v 14, dar orice versiune > decat aceasta ar trebui sa functioneze)

11. (ALTERNATIVA 2) Daca ai JDK instalat deja, mergi in "Add JDK..." si selectezi directorul parinte pentru versiunea de JDK dorita.

Apasa "Add python sdk.."



Alege "Virtualenv Environment" (Vom crea un mediu virtual pentru python)

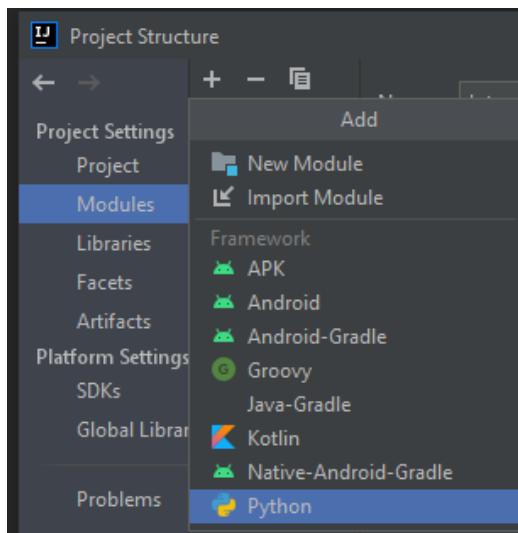


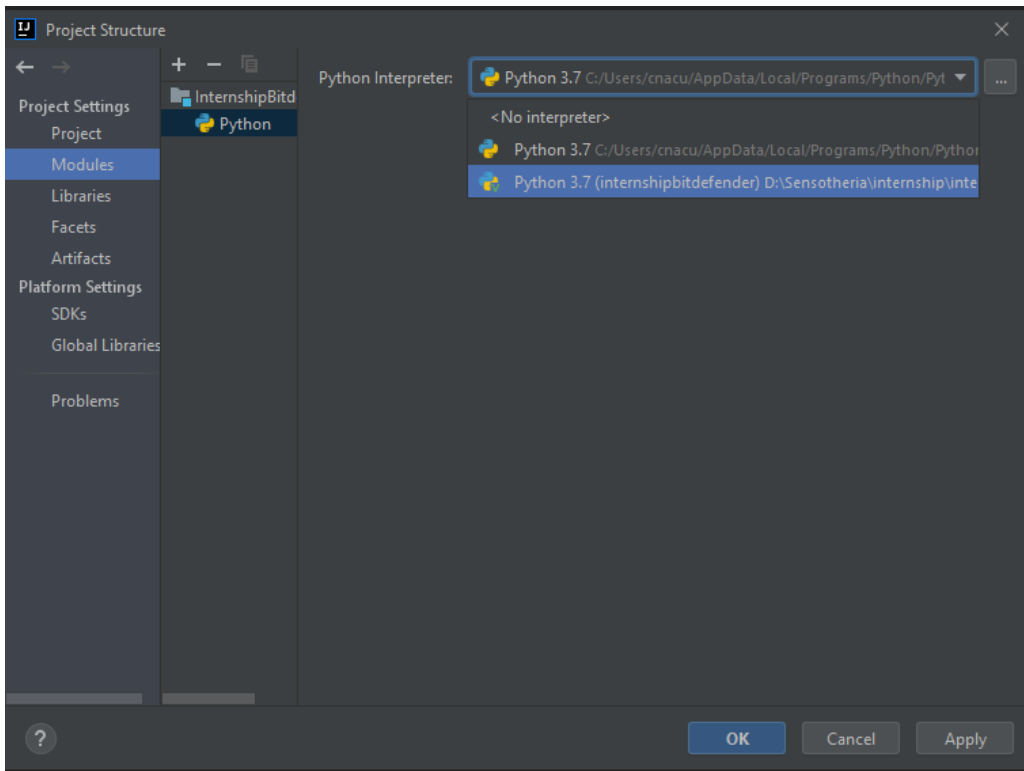
Pentru Base interpreter alege pathul de instalare a interpretorului de python (punctul 2)

Pentru Location alege locatia de creare a mediului virtual (recomandam folosirea setarii implicite).

Apasa OK si asteapta sa se creeze mediul virtual (in folderul venv).

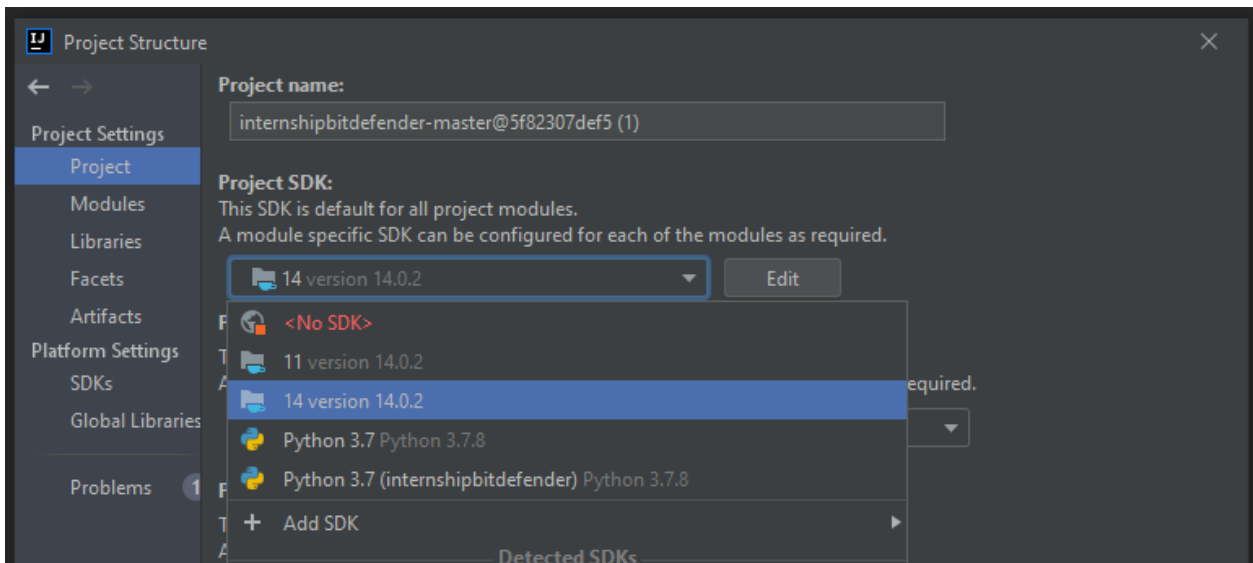
12. Navigheaza in ProjectSettings > Modules, apasa pe butonul "+" si selecteaza Python





Selecteaza mediul virtual creat la pasul anterior. (Il poti identifica pe baza V-ului verde din partea dreapta jos a logo-ului python). Apasa OK.

13. In ProjectStructure selecteaza Project.



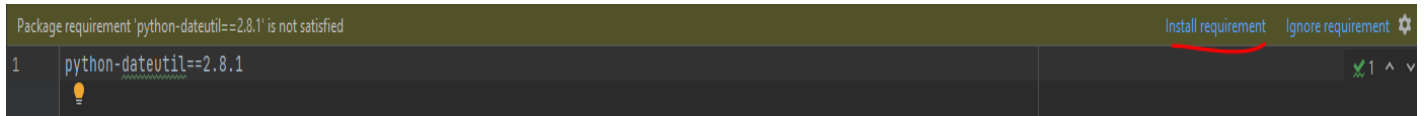
Selecteaza versiunea dorita de JDK.

14. In Project Structure apasa OK.

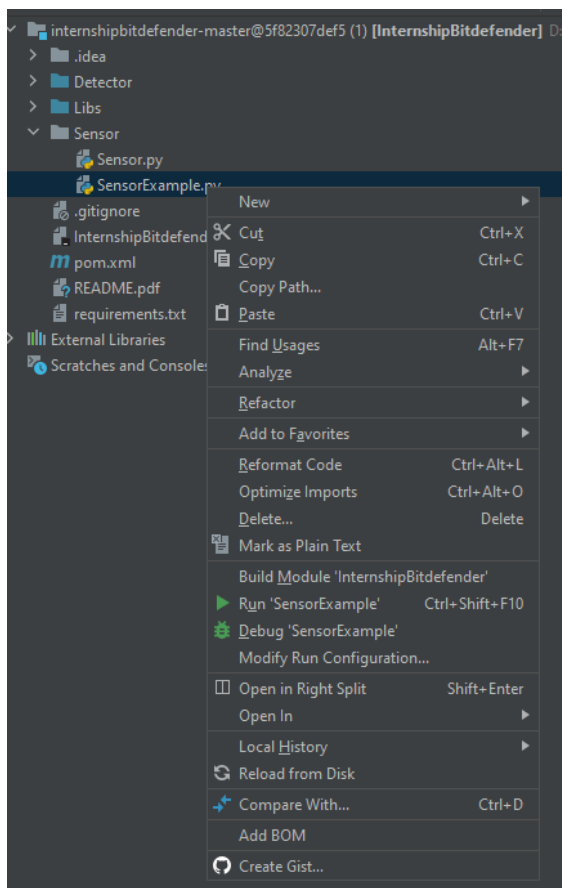
Rularea exemplelor

15. Ruleaza SensorExample.py:

Mergi in fisierul requirements.txt din proiect. IntelliJ-ul iti va cere sa instalezi dependintele. Apasa install requirements



Mergi in Sensor > SensorExample.py si apasa click-dreapta. Apasa Debug / Run "SensorExample.py"



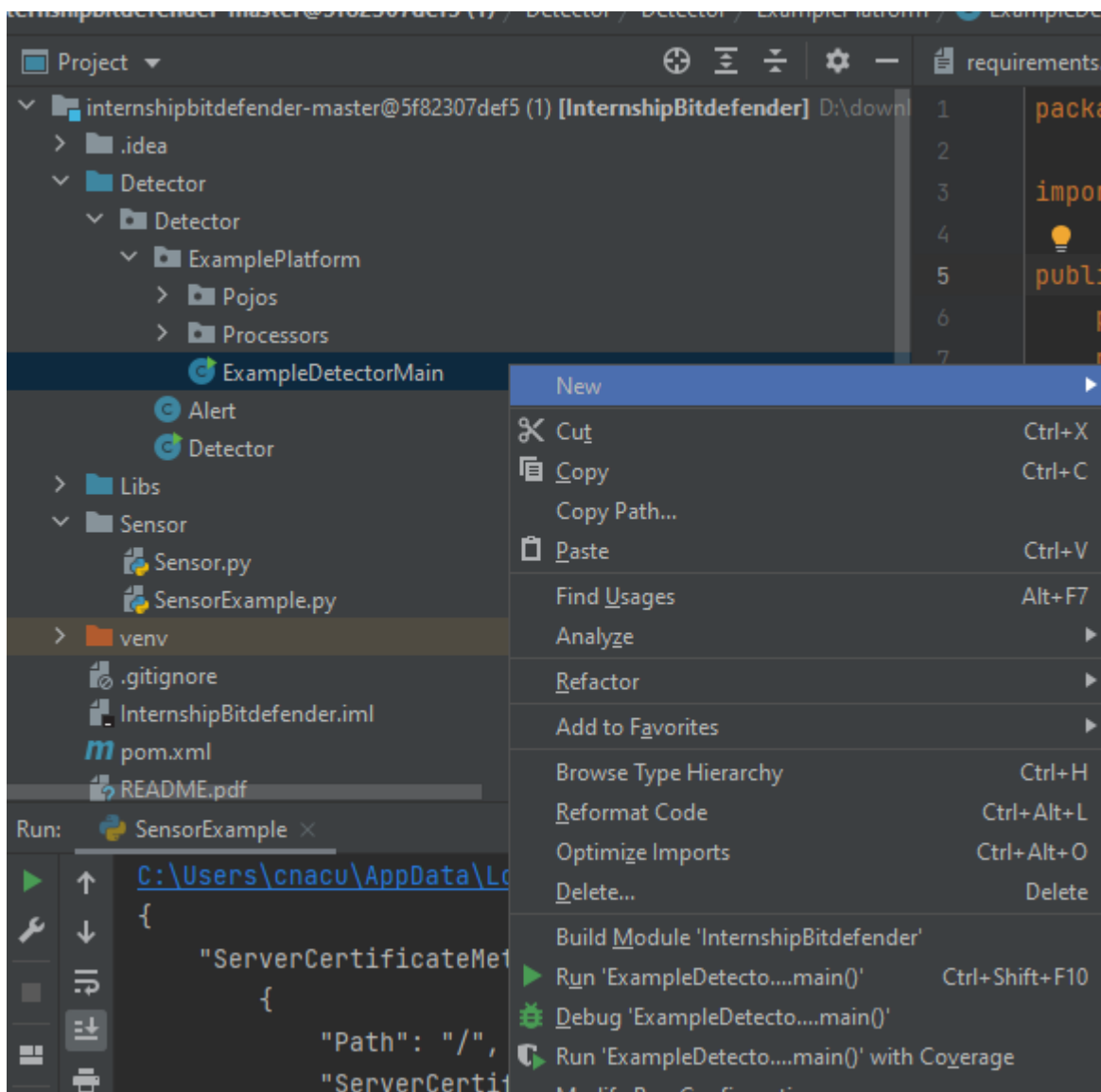
Daca totul a decurs bine, ar trebui sa vezi:

```
{
  "ServerCertificateMetadataList": [
    {
      "Path": "/",
      "ServerCertificateName": "https_server_certificate",
      "ServerCertificateId": "AAAAJ1AAA2AAAAAA1A11",
      "Arn": "arn:aws:iam::555555555555:server-certificate/https_server_certificate",
      "UploadDate": "2013-06-14 12:56:41+00:00",
      "Expiration": "2013-09-11 23:59:59+00:00"
    }
  ],
  "IsTruncated": false,
  "ResponseMetadata": {
    "RequestId": "530d9bf9-3439-42e6-bd26-0966a6a8697e",
    "HTTPStatusCode": 200,
    "HTTPHeaders": {
      "x-amzn-requestid": "530d9bf9-3439-42e6-bd26-0966a6a8697e",
      "content-type": "text/xml",
      "content-length": "799",
      "date": "Sun, 20 Mar 2022 22:13:06 GMT"
    },
    "RetryAttempts": 0
  }
}

Process finished with exit code 0
```

16. Ruleaza ExampleDetectorMain.java:

Navigheaza in Detector > Detector > Example Platform > ExampleDetectorMain.java si click dreapta pe clasa java.



Apasa Run / Debug “ExampleDetectorMain”.

Daca totul merge bine ar trebui sa nu apara erori la rulare.