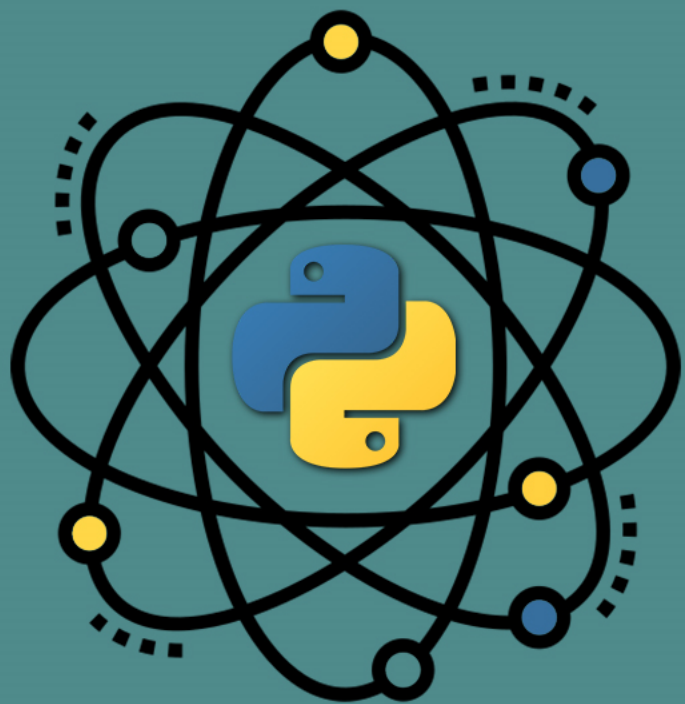


MOHAMMAD DEHGHANI PYTHON FOR DATA SCIENCE

زبان پایتون در علم داده

مدرس: محمد دهقانی



جلسه: سوم موضوع: نصب پیش نیازها

زبان پایتون در علم داده

مدرس:
محمد دهقانی

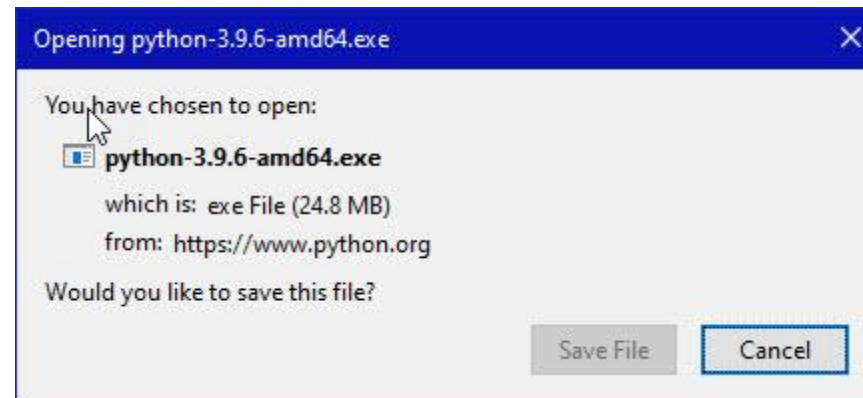
مواردی که در این جلسه بررسی می شوند:

1. آموزش نصب پایتون

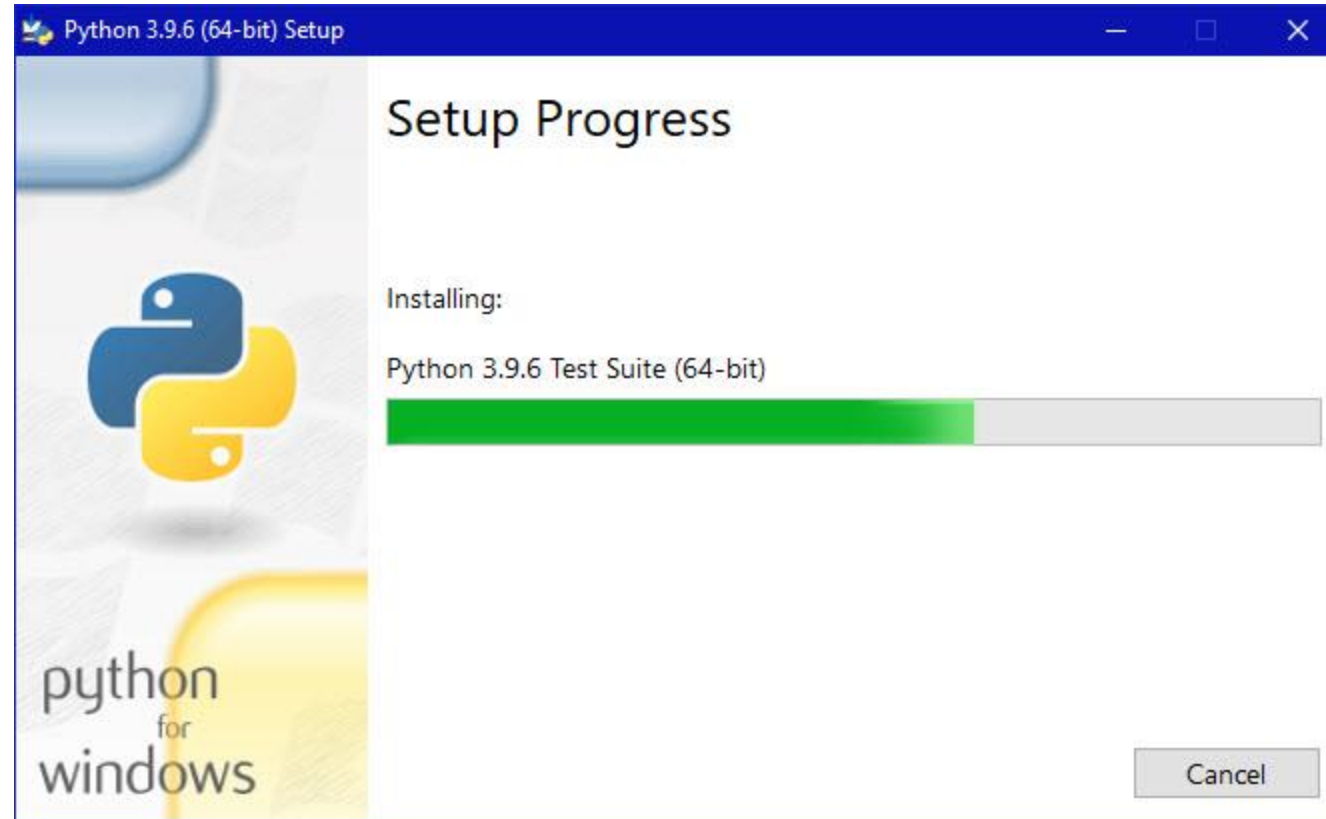
2. آموزش نصب jupyter notebook

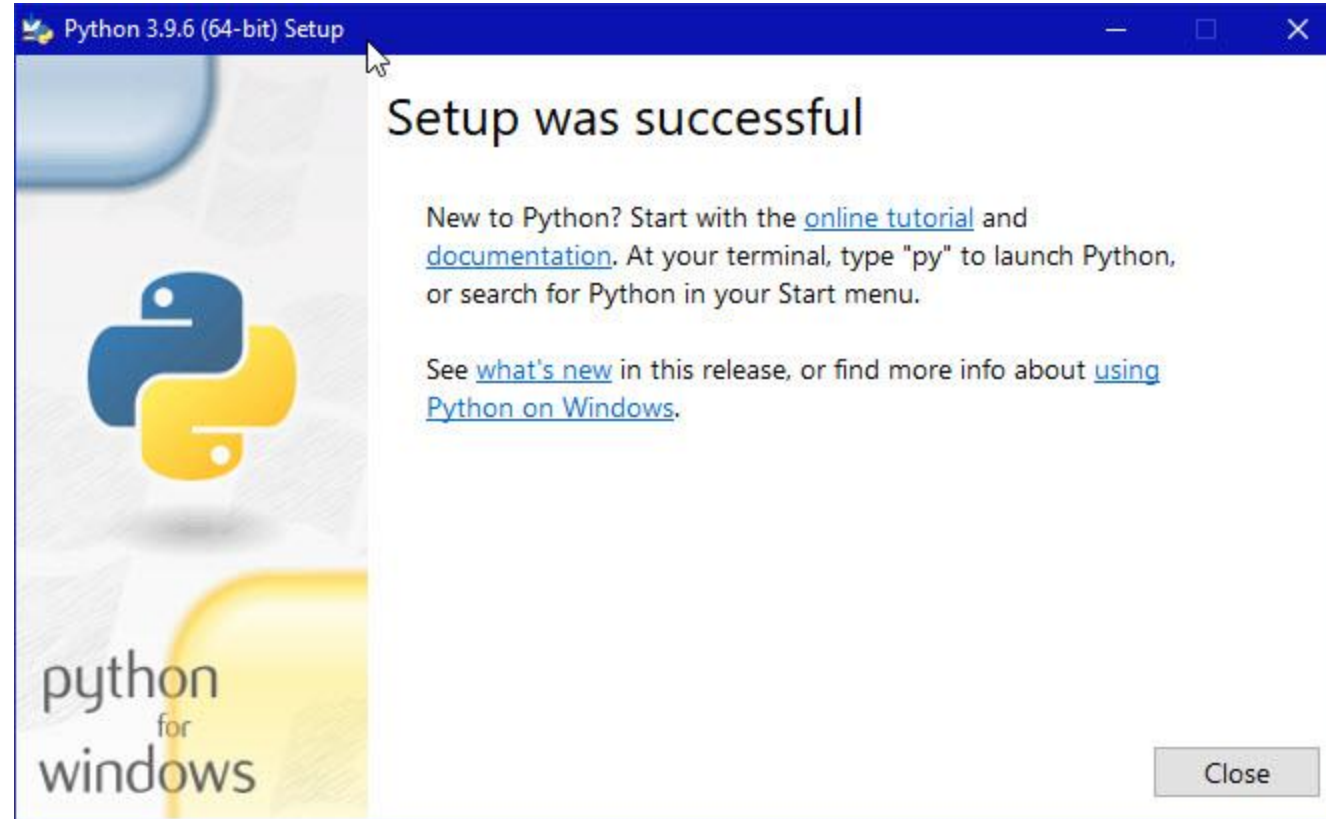
3. آموزش نصب pycharm







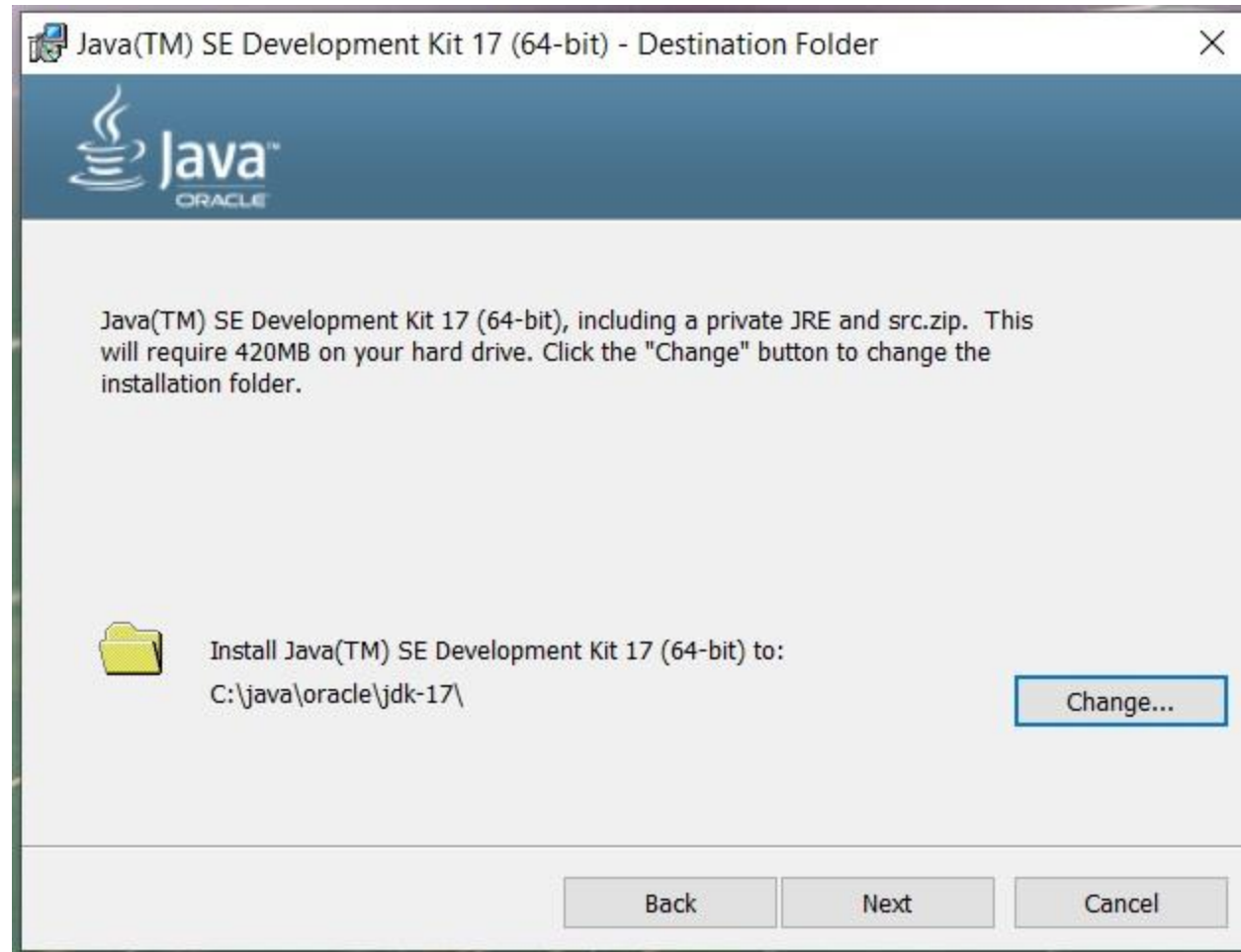


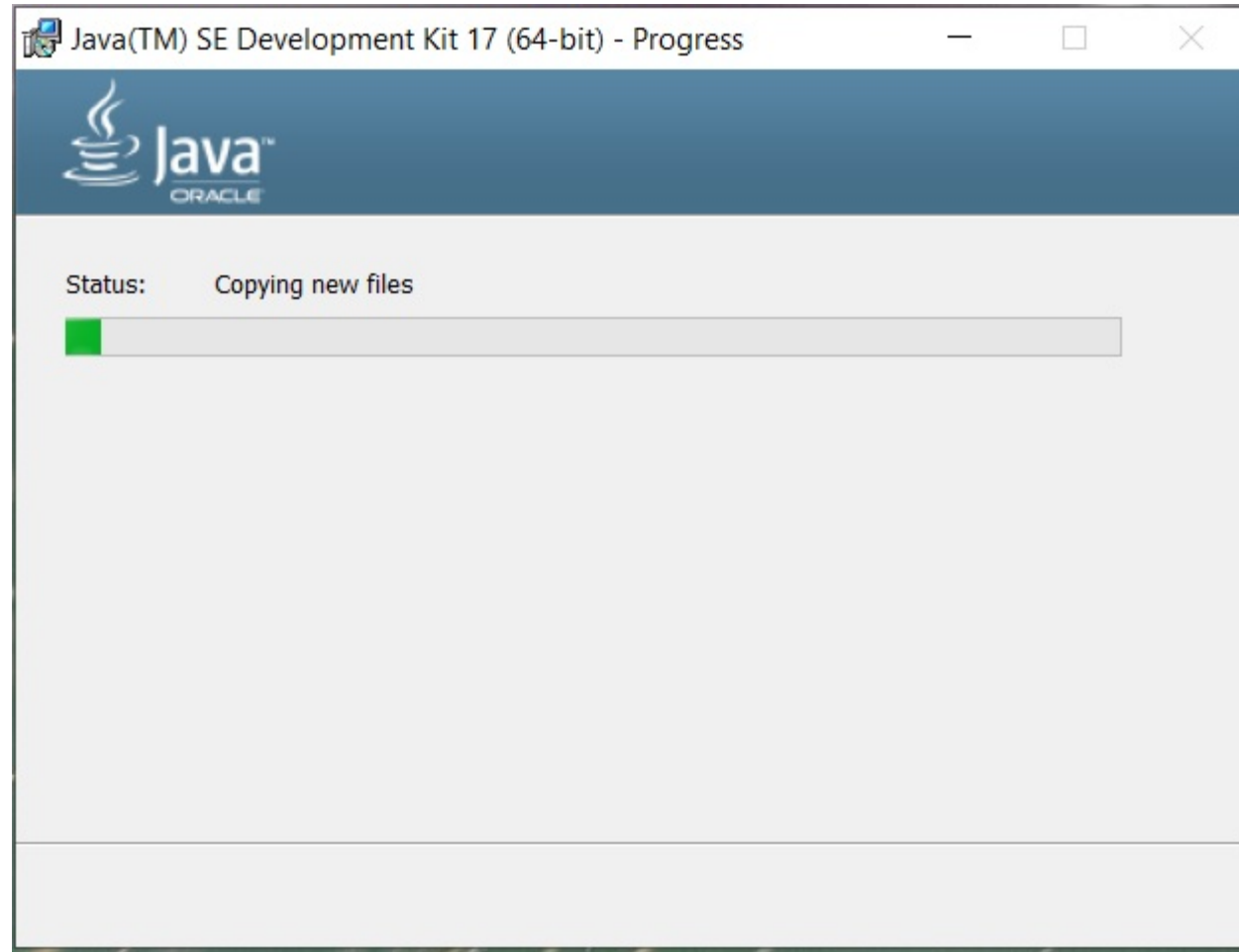



```
Microsoft Windows [Version 10.0.22000.376]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\Mohammad>python  
Python 3.9.6 (tags/v3.9.6:db3ff76, Jun 28 2021, 15:26:21) [MSC v.1929 64 bit (AMD64)] on win32  
Type "help", "copyright", "credits" or "license" for more information.  
>>>
```

<https://www.jetbrains.com/help/pycharm/installation-guide.html#requirements>





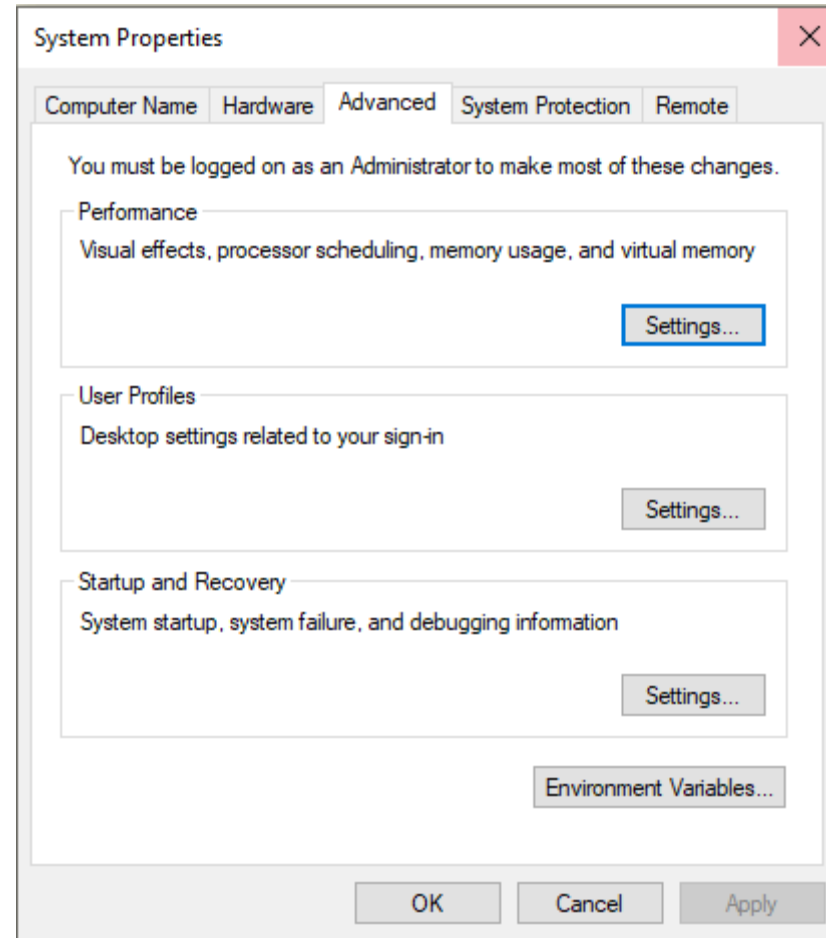




Click Next Steps to access tutorials, API documentation, developer guides, release notes and more to help you get started with the JDK.

Next Steps

Close



Edit User Variable ✕

Variable name:

Variable value:

Environment Variables



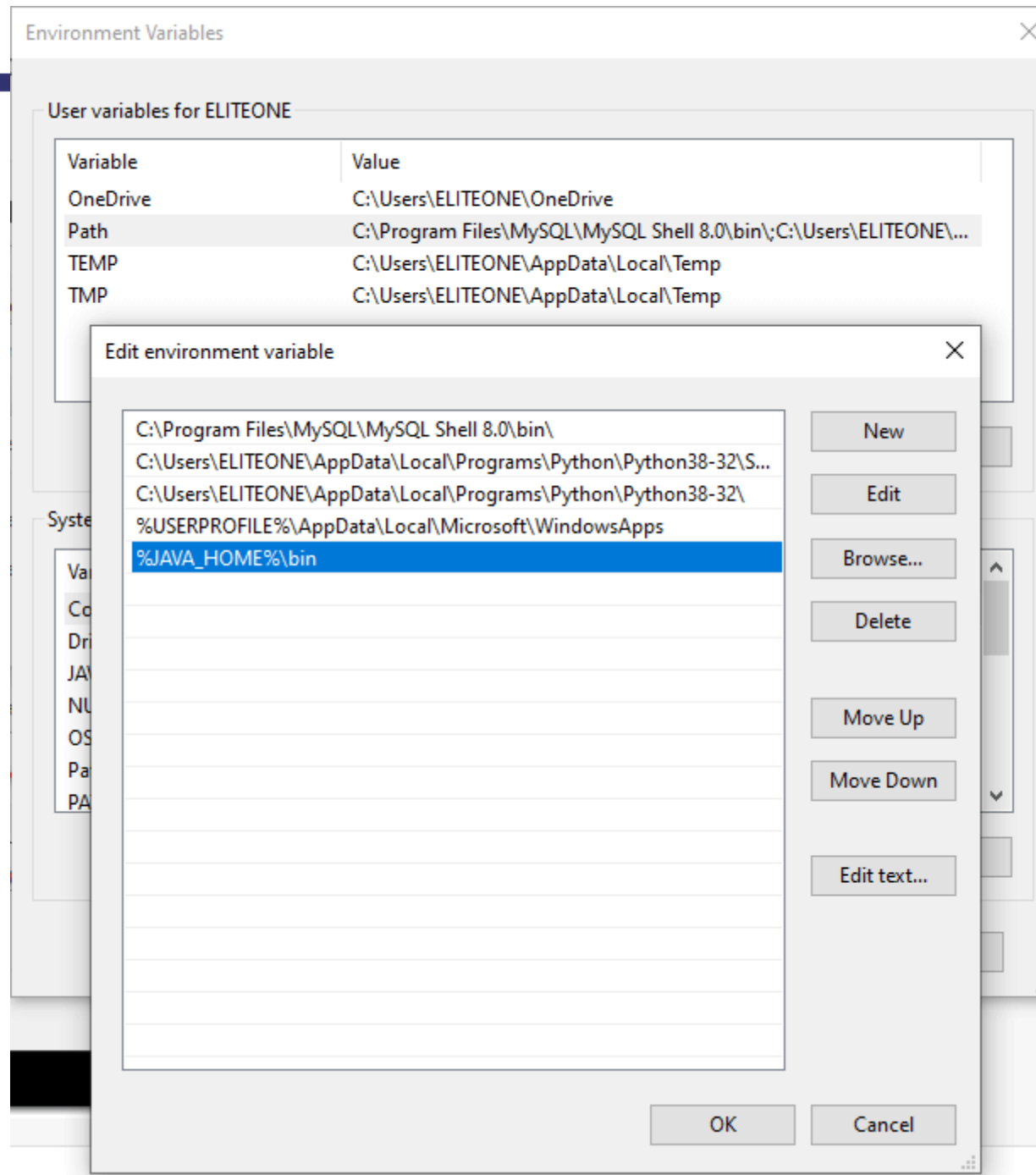
User variables for Asus

Variable	Value
JAVA_HOME	C:\Program Files\Java\jdk-16.0.1
MAVEN_HOME	C:\Users\Asus\soft\apache-maven-3.8.1
Path	C:\Users\Asus\AppData\Local\Microsoft\WindowsApps;C:\Users...
TEMP	C:\Users\Asus\AppData\Local\Temp
TMP	C:\Users\Asus\AppData\Local\Temp

New...

Edit...

Delete



```
Command Prompt
Microsoft Windows [Version 10.0.22000.376]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Mohammad>java --version
java 17.0.1 2021-10-19 LTS
Java(TM) SE Runtime Environment (build 17.0.1+12-LTS-39)
Java HotSpot(TM) 64-Bit Server VM (build 17.0.1+12-LTS-39, mixed mode, sharing)

C:\Users\Mohammad>
```

PyCharm IDE V2021.1.1 is a cross-platform, professional-level Integrated Development Environment (IDE) developed by JetBrains and designed specifically for professional Python developers.


It is pretty famous for Python development and comes in three different editions.


PyCharm professional edition - A complete commercial stack with useful tools and features. it's paid and 30 days trial version is available.

PyCharm community edition - It's free and open-source, Comes with limited features but enough to develop Python applications.

PyCharm Edu edition - Free version for students, which provides courses and helps you to learn Python.

← → ↻ 🔒 jetbrains.com/pycharm/download/#section=windows

**PyCharm**[Coming in 2019.3](#)[What's New](#)[Features](#)[Learning Center](#)[Buy](#)



Version: 2019.2.3
Build: 192.6817.19
September 25, 2019

[System requirements](#)
[Installation Instructions](#)
[Other versions](#)

Download PyCharm

[Windows](#) [macOS](#) [Linux](#)

Professional

For both Scientific and Web Python development. With HTML, JS, and SQL support.

[DOWNLOAD](#)

Free trial

Community

For pure Python development

[DOWNLOAD](#)

Free, open-source

