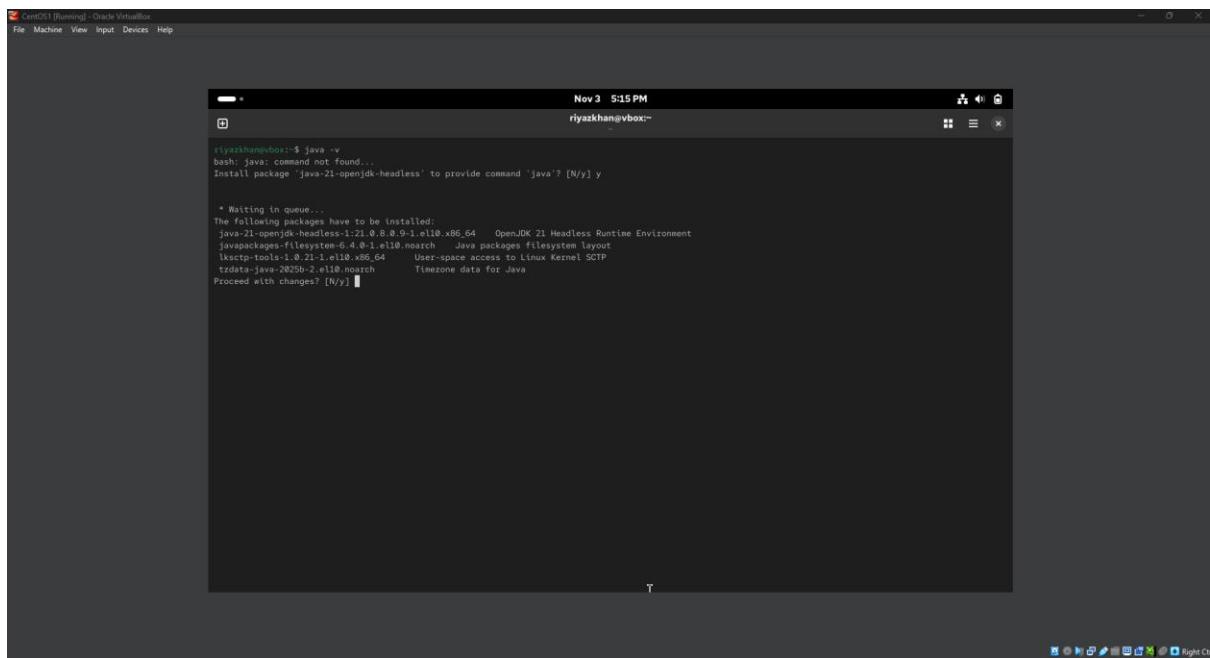
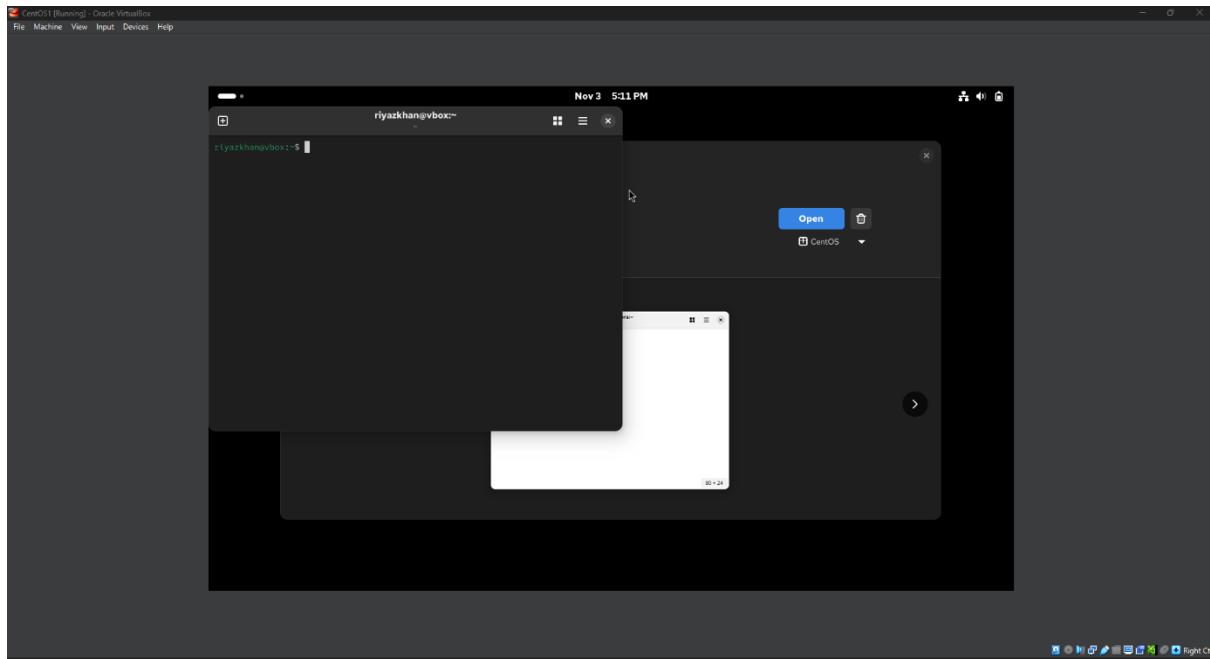


Installing Java in CentOS



```
CentOS [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Nov 3 5:16 PM
riyazkhan@vbox:~ - sudo yum install java

riyazkhan@vbox:~$ sudo yum install java
We trust you have received the usual lecture from the local System
Administrator. It usually boils down to these three things:
#1) Respect the privacy of others.
#2) Think before you type.
#3) With great power comes great responsibility.

For security reasons, the password you type will not be visible.

[sudo] password for riyazkhan:
[  0.0% | ] 1.7 MB/s | 6.8 MB  00:03
CentOS Stream 10 - BaseOS
CentOS Stream 10 - AppStream
[  0.0% | ] --- B/s | 0 B  --:-- ETA
```

```
CentOS [Running] - Oracle VirtualBox
File Machine View Input Devices Help

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For security reasons, the password you type will not be visible.

[sudo] password for riyazkhan:
[  0.0% | ] 1.7 MB/s | 6.8 MB  00:03
CentOS Stream 10 - BaseOS
CentOS Stream 10 - AppStream
CentOS Stream 10 - Extras packages
Dependencies resolved:
=====
Package           Architecture Version      Repository   Size
=====
Installing:
java-21-openjdk  x86_64    1:21.0.8.0-0.1.el10  appstream   431 k
Installing dependencies:
mkfontscale      x86_64    1:2.2.8.el10    appstream   33 k
ttkfdtr          x86_64    3.0.9-72.el10   appstream   57 k
xorg-x11-fonts-Type1 noarch   7.5-48.el10    appstream   505 k
=====
Transaction Summary
=====
Install 4 Packages

Total download size: 1.0 M
Installed size: 2.1 M
Is this ok [y/N]:
```

```
File Machine View Input Devices Help

Nov 3 5:17 PM
riyazkhan@vbox:~
```

Install 4 Packages

```
Total download size: 1.0 M
Installed size: 2.1 M
Is this ok [y/N]: y
Downloading Packages:
(1/4): mksfontscale-1.2.2-8.el10.x86_64.rpm
(2/4): ttmkdir-3.0.9-72.el10.x86_64.rpm
(3/4): xorg-x11-fonts-Type1-7.5-40.el10.noarch.rpm
(4/4): java-21-openjdk-21.0.8.0.9-1.el10.x86_64.rpm
```

```
Total
CentOS Stream 10 - AppStream
Importing GPG key 0x8483C65D:
    Userid : "CentOS (CentOS Official Signing Key) <security@centos.org>"
    Fingerprint: 99DB 70FA E1D7 CE22 7FB6 48B2 05B5 55B3 8483 C65D
    From   : /etc/pki/rpm-gpg/RPM-GPG-KEY-centosofficial-SHA256
Is this ok [y/N]: y
Key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing :
Installing   : ttmkdir-3.0.9-72.el10.x86_64
Installing   : mksfontscale-1.2.2-8.el10.x86_64
Installing   : xorg-x11-fonts-Type1-7.5-40.el10.noarch
Running scriptlet: xorg-x11-fonts-Type1-7.5-40.el10.noarch
Installing   : java-21-openjdk-21.0.8.0.9-1.el10.x86_64
Running scriptlet: java-21-openjdk-21.0.8.0.9-1.el10.x86_64
```

```
CentOS [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Nov 3 5:17 PM
riyazkhan@vbox:~
```

Install 4 Packages

```
Total download size: 1.0 M
Installed size: 2.1 M
Is this ok [y/N]: y
Downloading Packages:
(1/4): mksfontscale-1.2.2-8.el10.x86_64.rpm
(2/4): ttmkdir-3.0.9-72.el10.x86_64.rpm
(3/4): xorg-x11-fonts-Type1-7.5-40.el10.noarch.rpm
(4/4): java-21-openjdk-21.0.8.0.9-1.el10.x86_64.rpm
```

```
Total
CentOS Stream 10 - AppStream
Importing GPG key 0x8483C65D:
    Userid : "CentOS (CentOS Official Signing Key) <security@centos.org>"
    Fingerprint: 99DB 70FA E1D7 CE22 7FB6 48B2 05B5 55B3 8483 C65D
    From   : /etc/pki/rpm-gpg/RPM-GPG-KEY-centosofficial-SHA256
Is this ok [y/N]: y
Key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing :
Installing   : ttmkdir-3.0.9-72.el10.x86_64
Installing   : mksfontscale-1.2.2-8.el10.x86_64
Installing   : xorg-x11-fonts-Type1-7.5-40.el10.noarch
Running scriptlet: xorg-x11-fonts-Type1-7.5-40.el10.noarch
Installing   : java-21-openjdk-21.0.8.0.9-1.el10.x86_64
Running scriptlet: java-21-openjdk-21.0.8.0.9-1.el10.x86_64
```

```
Installed:
  java-21-openjdk-21.0.8.0.9-1.el10.x86_64    mksfontscale-1.2.2-8.el10.x86_64    ttmkdir-3.0.9-72.el10.x86_64    xorg-x11-fonts-Type1-7.5-40.el10.noarch
```

```
Complete!
riyazkhan@vbox:~
```

CentOS [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Nov 3 5:18 PM riyazkhan@vbox:~

```
(3/4): xorg-x11-fonts-type1-7.5-40.el10.noarch.rpm 1.2 MB/s | 505 kB 00:00
(4/4): java-21-openjdk-21.0.8.0.9-1.el10.x86_64.rpm 115 kB/s | 431 kB 00:03
Total 229 kB/s | 1.0 MB 00:04
1.6 MB/s | 1.6 kB 00:00
CentOS Stream 10 - AppStream
Importing GPG key 0x84830650:
Userid : 'CentOS (CentOS Official Signing Key) <security@centos.org>'
Fingerprint: 9908 79FA E1D7 CE22 7FB6 4B82 05B5 55B3 84B3 0650
From /etc/pki/rpm-gpg/RPM-GPG-KEY-centosofficial-SHA256
[1/1] Import of 1 key(s) successfully
Key imported successfully
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
Preparing : ttmkdir-3.0.9-72.el10.x86_64 1/1
Installing : mkfontscale-1.2.2-8.el10.x86_64 2/4
Installing : xorg-x11-fonts-type1-7.5-40.el10.noarch 3/4
Running scriptlet: xorg-x11-fonts-type1-7.5-40.el10.noarch 3/4
Installing : java-21-openjdk-21.0.8.0.9-1.el10.x86_64 4/4
Running scriptlet: java-21-openjdk-21.0.8.0.9-1.el10.x86_64 4/4
Installed:
java-21-openjdk-21.0.8.0.9-1.el10.x86_64  mkfontscale-1.2.2-8.el10.x86_64  ttmkdir-3.0.9-72.el10.x86_64  xorg-x11-fonts-Type1-7.5-40.el10.noarch

Complete!
riyazkhan@vbox:~$ java -v
Unauthorized option: -v
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
riyazkhan@vbox:~$ java -version
openjdk version '21.0.8' 2025-07-15 LTS
OpenJDK Runtime Environment (Red Hat 21.0.8.0.9-1) (build 21.0.8+9-LTS)
OpenJDK 64-Bit Server VM (Red Hat 21.0.8.0.9-1) (build 21.0.8+9-LTS, mixed mode, sharing)
riyazkhan@vbox:~$
```