

```
daw@daw-VirtualBox:~$ sudo apt-get install gcc
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu cpp-9 gcc-9 gcc-9-base libasan5 libatomic1 libbinutils libc-dev-bin libc6-dev libcc1-0
  libcrypt-dev libctf-nobfd0 libctf0 libgcc-9-dev libitm1 liblsan0 libquadmath0 libtsan0 libubsan1 linux-libc-dev manpages
Suggested packages:
  binutils-doc gcc-9-locales gcc-multilib make autoconf automake libtool flex bison gcc-doc gcc-9-multilib gcc-9-doc glibc-doc
The following NEW packages will be installed:
  binutils binutils-common binutils-x86-64-linux-gnu gcc gcc-9 libasan5 libatomic1 libbinutils libc-dev-bin libc6-dev libcc1-0
  libctf-nobfd0 libctf0 libgcc-9-dev libitm1 liblsan0 libquadmath0 libtsan0 libubsan1 linux-libc-dev manpages-dev
The following packages will be upgraded:
  cpp-9 gcc-9-base
2 upgraded, 21 newly installed, 0 to remove and 396 not upgraded.
Need to get 25,7 MB/33,2 MB of archives.
After this operation, 120 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 binutils-common amd64 2.34-6ubuntu1.3 [207 kB]
Get:2 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libbinutils amd64 2.34-6ubuntu1.3 [474 kB]
Get:3 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libctf-nobfd0 amd64 2.34-6ubuntu1.3 [47,4 kB]
Get:4 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libctf0 amd64 2.34-6ubuntu1.3 [46,6 kB]
Get:5 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 binutils-x86-64-linux-gnu amd64 2.34-6ubuntu1.3 [1.613 B]
Get:6 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 binutils amd64 2.34-6ubuntu1.3 [3.380 B]
Get:7 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libitm1 amd64 10.3.0-1ubuntu1-20.04 [26,2 kB]
Get:8 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libatomic1 amd64 10.3.0-1ubuntu1-20.04 [9.284 B]
Get:9 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libasan5 amd64 9.4.0-1ubuntu1-20.04.1 [2.751 kB]
Get:10 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 liblsan0 amd64 10.3.0-1ubuntu1-20.04 [835 kB]
Get:11 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libtsan0 amd64 10.3.0-1ubuntu1-20.04 [2.009 kB]
Get:12 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libubsan1 amd64 10.3.0-1ubuntu1-20.04 [784 kB]
Get:13 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libquadmath0 amd64 10.3.0-1ubuntu1-20.04 [146 kB]
Get:14 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libgcc-9-dev amd64 9.4.0-1ubuntu1-20.04.1 [2.359 kB]
```

```
daw@daw-VirtualBox:~$ sudo apt-get install build-essential
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  dpkg-dev fakeroot g++ g++-9 libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl libdpkg-perl libfakeroot
  libstdc++-9-dev make
Suggested packages:
  debian-keyring g++-multilib g++-9-multilib gcc-9-doc glibc bzr libstdc++-9-doc make-doc
The following NEW packages will be installed:
  build-essential dpkg-dev fakeroot g++ g++-9 libalgorithm-diff-perl libalgorithm-diff-xs-perl libalgorithm-merge-perl libfakeroot
  libstdc++-9-dev make
The following packages will be upgraded:
  libdpkg-perl
1 upgraded, 11 newly installed, 0 to remove and 395 not upgraded.
Need to get 11,4 MB of archives.
After this operation, 49,9 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libstdc++-9-dev amd64 9.4.0-1ubuntu1-20.04.1 [1.722 kB]
Get:2 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 g++-9 amd64 9.4.0-1ubuntu1-20.04.1 [8.420 kB]
Get:3 http://es.archive.ubuntu.com/ubuntu focal/main amd64 g++ amd64 4:9.3.0-1ubuntu2 [1.604 B]
Get:4 http://es.archive.ubuntu.com/ubuntu focal/main amd64 make amd64 4.2.1-1.2 [162 kB]
Get:5 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 libdpkg-perl all 1.19.7ubuntu3.2 [231 kB]
Get:6 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 dpkg-dev all 1.19.7ubuntu3.2 [679 kB]
Get:7 http://es.archive.ubuntu.com/ubuntu focal-updates/main amd64 build-essential amd64 12.8ubuntu1.1 [4.664 B]
Get:8 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libfakeroot amd64 1.24-1 [25,7 kB]
Get:9 http://es.archive.ubuntu.com/ubuntu focal/main amd64 fakeroot amd64 1.24-1 [62,6 kB]
Get:10 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libalgorithm-diff-perl all 1.19.03-2 [46,6 kB]
Get:11 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libalgorithm-diff-xs-perl amd64 0.04-6 [11,3 kB]
Get:12 http://es.archive.ubuntu.com/ubuntu focal/main amd64 libalgorithm-merge-perl all 0.08-3 [12,0 kB]
```

Updates (1) Available Plugins (44) Downloaded **Installed (12)** Settings

☐ Show details

Sel...	Name	Category	Acti...
<input type="checkbox"/>	HTML5	Features	<input type="radio"/>
<input type="checkbox"/>	User Installed Plugins	Features	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Java SE	Features	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Tools	Features	<input checked="" type="checkbox"/>
<input type="checkbox"/>	PHP	Features	<input type="radio"/>
<input type="checkbox"/>	JavaFX 2	Features	<input type="radio"/>
<input type="checkbox"/>	Groovy	Features	<input type="radio"/>
<input type="checkbox"/>	Java Web and EE	Features	<input type="radio"/>
<input type="checkbox"/>	Developing NetBeans	Features	<input type="radio"/>
<input type="checkbox"/>	C/C++	Features	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Service Registry	Features	<input type="radio"/>
<input type="checkbox"/>	Base IDE	Features	<input type="radio"/>

HTML5
Version: 1.33
Source: Apache N
Plugin Description
HTML5 Kit
HTML5 Application
Node.js Editor Support
Editor support for M
AngularJS Editor
Editing support for
JavaScript JSX and Rea
JSX is a JavaScript

Plugins

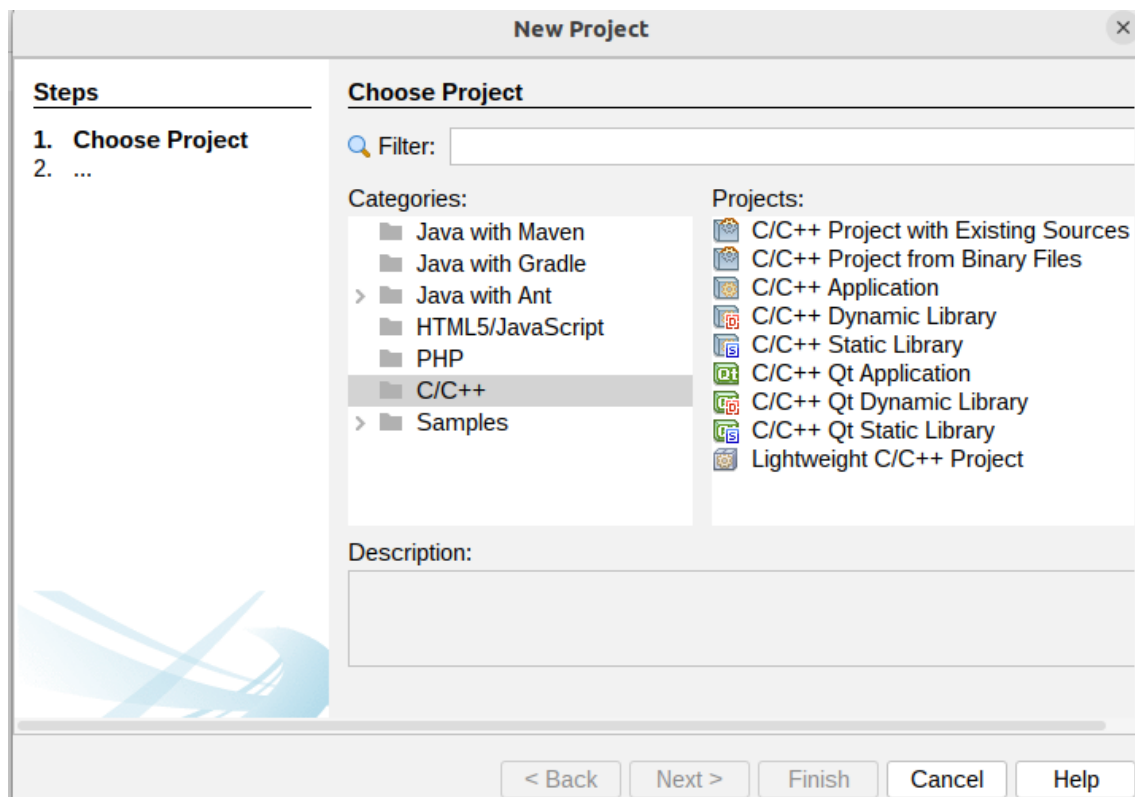
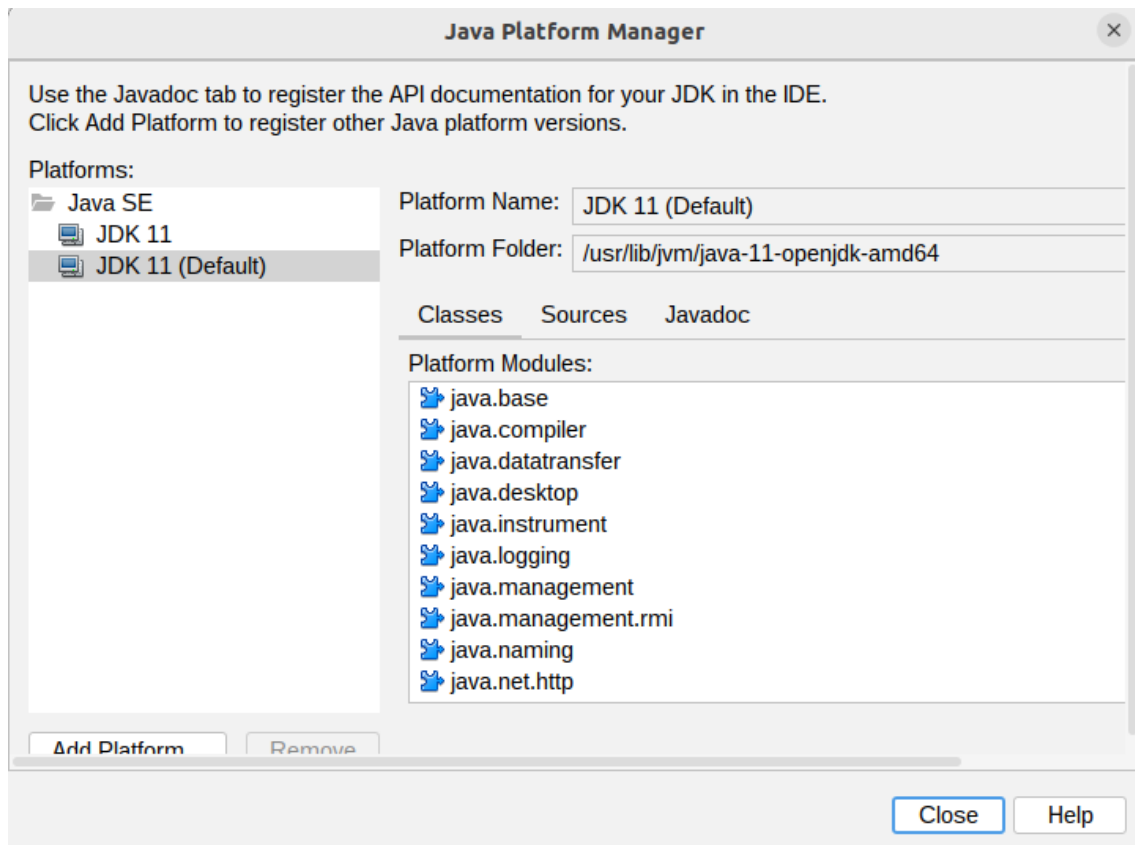
Updates Available Plugins (25) Downloaded **Installed (11)** Settings

☐ Show details

Sel...	Name	Category	Acti...
<input type="checkbox"/>	HTML5	Features	<input type="radio"/>
<input type="checkbox"/>	Java SE	Features	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Tools	Features	<input checked="" type="checkbox"/>
<input type="checkbox"/>	PHP	Features	<input type="radio"/>
<input type="checkbox"/>	JavaFX 2	Features	<input type="radio"/>
<input type="checkbox"/>	Groovy	Features	<input type="radio"/>
<input type="checkbox"/>	Java Web and EE	Features	<input type="radio"/>
<input type="checkbox"/>	Developing NetBeans	Features	<input type="radio"/>
<input checked="" type="checkbox"/>	C/C++	Features	<input type="radio"/>
<input type="checkbox"/>	Service Registry	Features	<input type="radio"/>
<input type="checkbox"/>	Base IDE	Features	<input type="radio"/>

Activate Deactivate Uninstall 1 plugin selected

NetBeans IDE Installer
Activation completed successfully
Click Finish to quit the NetBeans IDE installer.
The NetBeans IDE Installer has successfully activated the following plugins:
C/C++
Finish **Help**



Start Page x main.cpp x

Source History

```
18
19 // true if num is perfectly divisible by 2
20 if(num % 2 == 0)
21     printf("%d is even.", num);
22 else
23     printf("%d is odd.", num);
24
25 return 0;
26 }
27
28
```

main

Output x

CppApplication_1 (Build, Run) x CppApplication_1 (Run) x

Enter an integer: 5

>>

Start Page x main.cpp x

Source History

```
12
13 #include <stdio.h>
14 int main() {
15     int num;
16     printf("Enter an integer: ");
17     scanf("%d", &num);
18
19     // true if num is perfectly divisible by 2
20     if(num % 2 == 0)
21         printf("%d is even.", num);
22     else
23         printf("%d is odd.", num);
24 }
```

Output x

CppApplication_1 (Build, Run) x CppApplication_1 (Run) x

5 is odd.

RUN FINISHED; exit value 0; real time: 17s; user: 0 ms; system: 0ms

>>