

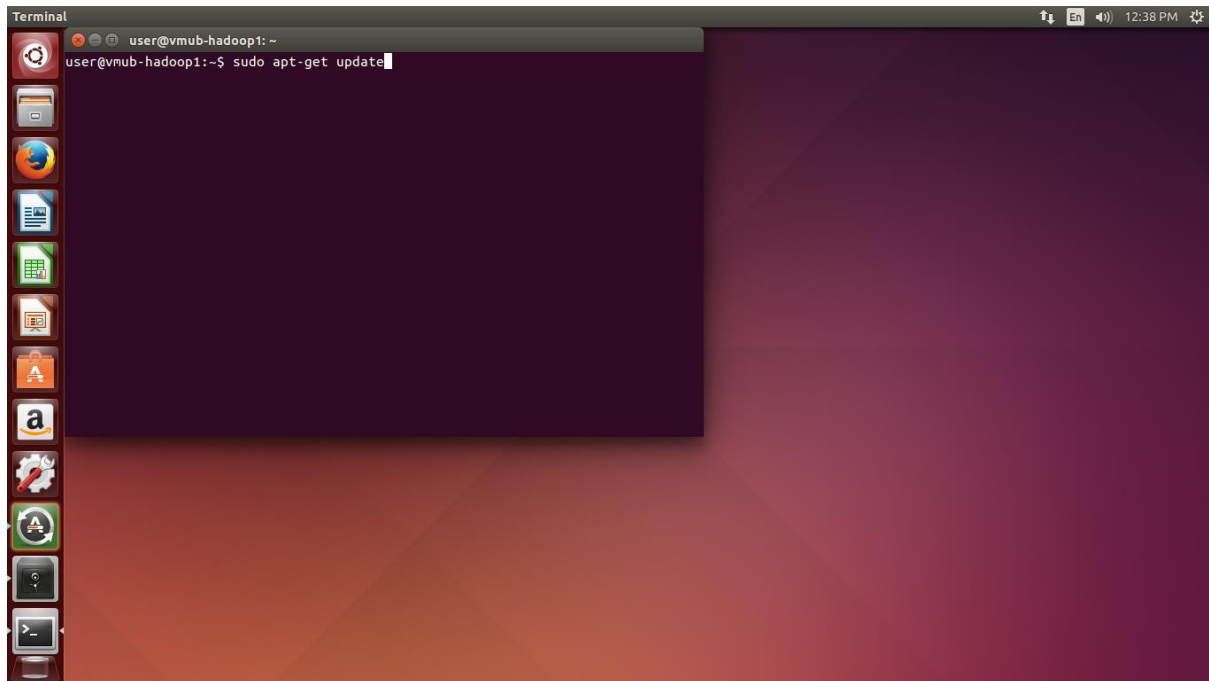
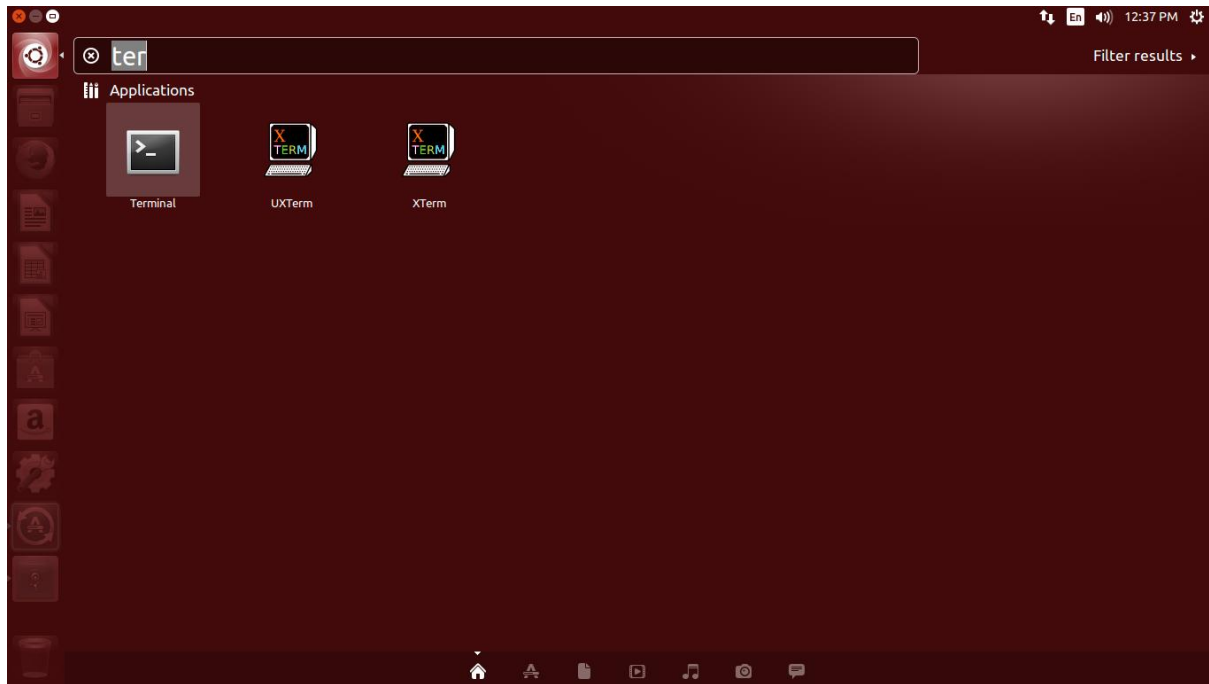
EX-4

Installation of C-Compiler on guest OS

DATE-02.09.2022

Name-M.DIVYA VARSHINI

Roll No-19UITE032



```
user@vmub-hadoop1:~$ sudo apt-get update
[sudo] password for user:
Ign http://security.ubuntu.com trusty-security InRelease
Ign http://security.ubuntu.com trusty-security Release.gpg
Ign http://extras.ubuntu.com trusty InRelease
Ign http://security.ubuntu.com trusty-security Release
Ign http://in.archive.ubuntu.com trusty InRelease
Get:1 http://extras.ubuntu.com trusty Release.gpg [72 B]
Ign http://security.ubuntu.com trusty-security/main Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty-updates InRelease
Hit http://security.ubuntu.com trusty-security/restricted Sources/DiffIndex
Ign http://extras.ubuntu.com trusty Release
Ign http://in.archive.ubuntu.com trusty-backports InRelease
Ign http://security.ubuntu.com trusty-security/universe Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty Release.gpg
Hit http://extras.ubuntu.com trusty/main Sources
Ign http://security.ubuntu.com trusty-security/multiverse Sources/DiffIndex
Ign http://in.archive.ubuntu.com trusty-updates Release.gpg
Hit http://extras.ubuntu.com trusty/main amd64 Packages
Ign http://security.ubuntu.com trusty-security/main amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty-backports Release.gpg
Hit http://extras.ubuntu.com trusty/main i386 Packages
Ign http://in.archive.ubuntu.com trusty Release
Ign http://security.ubuntu.com trusty-security/restricted amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty-updates Release
Ign http://security.ubuntu.com trusty-security/universe amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty-backports Release
Ign http://security.ubuntu.com trusty-security/multiverse amd64 Packages/DiffIndex
Ign http://in.archive.ubuntu.com trusty/main Sources/DiffIndex
Ign http://security.ubuntu.com trusty-security/main i386 Packages/DiffIndex
55% [Connecting to security.ubuntu.com (185.125.190.39)] [Waiting for headers]
```

```
Terminal
user@vmub-hadoop1:~$
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/restricted Sources
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/universe Sources
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/multiverse Sources
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/main amd64 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/restricted amd64 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/universe amd64 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/multiverse amd64 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/main i386 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/restricted i386 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/universe i386 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com trusty-security/multiverse i386 Packages
500 Software caused connection abort [IP: 185.125.190.39 80]
67% [Waiting for headers]
```

```
Terminal
user@vmub-hadoop1: ~
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/multiverse/binary-amd64/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/main/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/restricted/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/universe/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/multiverse/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
E: Some index files failed to download. They have been ignored, or old ones used instead.
user@vmub-hadoop1:~$ sudo apt-get install gcc
```

```
Terminal
user@vmub-hadoop1: ~
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/multiverse/binary-amd64/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/main/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/restricted/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/universe/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/multiverse/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]
E: Some index files failed to download. They have been ignored, or old ones used instead.
user@vmub-hadoop1:~$ sudo apt-get install gcc
Reading package lists... 74%
```

```
Terminal
user@vmub-hadoop1: ~
in/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/restricted/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/universe/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/multiverse/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

E: Some index files failed to download. They have been ignored, or old ones used instead.
user@vmub-hadoop1:~$ sudo apt-get install gcc
Reading package lists... Done
Building dependency tree
Reading state information... Done
gcc is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 298 not upgraded.
user@vmub-hadoop1:~$
```

```
Terminal
user@vmub-hadoop1: ~
in/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/restricted/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/universe/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

W: Failed to fetch http://in.archive.ubuntu.com/ubuntu/dists/trusty-backports/multiverse/binary-i386/Packages 500 Software caused connection abort [IP: 185.125.190.36 80]

E: Some index files failed to download. They have been ignored, or old ones used instead.
user@vmub-hadoop1:~$ sudo apt-get install gcc
Reading package lists... Done
Building dependency tree
Reading state information... Done
gcc is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 298 not upgraded.
user@vmub-hadoop1:~$ sudo apt-get install g++
```

```
Terminal
user@vmub-hadoop1: ~
E: Some index files failed to download. They have been ignored, or old ones used instead.
user@vmub-hadoop1:~$ sudo apt-get install gcc
Reading package lists... Done
Building dependency tree
Reading state information... Done
gcc is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 298 not upgraded.
user@vmub-hadoop1:~$ sudo apt-get install g++
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
g++-4.8 libstdc++-4.8-dev
Suggested packages:
g++-multilib g++-4.8-multilib gcc-4.8-doc libstdc++6-4.8-dbg
libstdc++-4.8-doc
The following NEW packages will be installed:
g++ g++-4.8 libstdc++-4.8-dev
0 upgraded, 3 newly installed, 0 to remove and 298 not upgraded.
Need to get 19.2 MB of archives.
After this operation, 40.0 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```

```
Terminal
user@vmub-hadoop1: ~
user@vmub-hadoop1:~$ sudo apt-get install gcc
Reading package lists... Done
Building dependency tree
Reading state information... Done
gcc is already the newest version.
0 upgraded, 0 newly installed, 0 to remove and 298 not upgraded.
user@vmub-hadoop1:~$ sudo apt-get install g++
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
g++-4.8 libstdc++-4.8-dev
Suggested packages:
g++-multilib g++-4.8-multilib gcc-4.8-doc libstdc++6-4.8-dbg
libstdc++-4.8-doc
The following NEW packages will be installed:
g++ g++-4.8 libstdc++-4.8-dev
0 upgraded, 3 newly installed, 0 to remove and 298 not upgraded.
Need to get 19.2 MB of archives.
After this operation, 40.0 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
WARNING: The following packages cannot be authenticated!
libstdc++-4.8-dev g++-4.8 g++
Install these packages without verification? [y/N] y
```



```
Terminal
user@vmub-hadoop1: ~
user@vmub-hadoop1:~$ sudo apt-get install g++
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following extra packages will be installed:
  g++-4.8 libstdc++-4.8-dev
Suggested packages:
  g++-multilib g++-4.8-multilib gcc-4.8-doc libstdc++6-4.8-dbg
  libstdc++-4.8-doc
The following NEW packages will be installed:
  g++ g++-4.8 libstdc++-4.8-dev
0 upgraded, 3 newly installed, 0 to remove and 298 not upgraded.
Need to get 19.2 MB of archives.
After this operation, 40.0 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
WARNING: The following packages cannot be authenticated!
  libstdc++-4.8-dev g++-4.8 g++
Install these packages without verification? [y/N] y
Err http://in.archive.ubuntu.com/ubuntu/ trusty-updates/main libstdc++-4.8-dev a
md64 4.8.4-2ubuntu1-14.04.3
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://in.archive.ubuntu.com/ubuntu/ trusty/main g++ amd64 4:4.8.2-1ubuntu6
500 Software caused connection abort [IP: 185.125.190.39 80]
0% [Connecting to security.ubuntu.com]
```

```
Terminal
user@vmub-hadoop1: ~
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://in.archive.ubuntu.com/ubuntu/ trusty/main g++ amd64 4:4.8.2-1ubuntu6
500 Software caused connection abort [IP: 185.125.190.39 80]
Err http://security.ubuntu.com/ubuntu/ trusty-security/main libstdc++-4.8-dev a
md64 4.8.4-2ubuntu1-14.04.3
500 Software caused connection abort [IP: 91.189.91.38 80]
Err http://security.ubuntu.com/ubuntu/ trusty-security/main g++-4.8 amd64 4.8.4-
2ubuntu1-14.04.3
500 Software caused connection abort [IP: 91.189.91.38 80]
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/libstdc
++-4.8-dev_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abo
rt [IP: 91.189.91.38 80]
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/g++-4.8
_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abort [IP: 91
.189.91.38 80]
E: Failed to fetch http://in.archive.ubuntu.com/ubuntu/pool/main/g/gcc-defaults/
g++-4.8.2-1ubuntu6_amd64.deb 500 Software caused connection abort [IP: 185.125
.190.39 80]
E: Unable to fetch some archives, maybe run apt-get update or try with --fix-mis
sing?
user@vmub-hadoop1:~$ sudo gedit add.c
```

Text Editor

add.c (-) - gedit

File Edit View Search Tools Documents Help

Open Save Undo

add.c x

Loading file /home/user/add.c'... C Tab Width: 8 Ln 1, Col 1 INS

E: Failed to fetch http://ln.archive.ubuntu.com/ubuntu/pool/main/g/gcc-defaults/g++-4.8.2-ubuntu6_amd64.deb 500 Software caused connection abort [IP: 185.125.190.39 80]

E: Unable to fetch some archives, maybe run apt-get update or try with --fix-missing?

user@vmub-hadoop1:~\$ sudo gedit add.c

(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager was not provided by any .service files

Text Editor

*add.c (-) - gedit

File Edit View Search Tools Documents Help

Open Save Undo

*add.c x

#include<stdio.h>
int main()
{
 int num1;
 int num2;
 scanf("%d %d", &num1, &num2);
 printf("Addition of num1 + num2 = %d", num1+num2);
 return 0;
}

C Tab Width: 8 Ln 9, Col 2 INS

E: Unable to fetch some archives, maybe run apt-get update or try with --fix-missing?

user@vmub-hadoop1:~\$ sudo gedit add.c

(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager was not provided by any .service files

(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager was not provided by any .service files

```
user@vmub-hadoop1: ~  
After this operation, 40.0 MB of additional disk space will be used.  
Do you want to continue? [Y/n] y  
WARNING: The following packages cannot be authenticated!  
  libstdc++-4.8-dev g++-4.8 g++  
Install these packages without verification? [y/N] y  
Err http://in.archive.ubuntu.com/ubuntu/ trusty-updates/main libstdc++-4.8-dev a  
md64 4.8.4-2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 185.125.190.39 80]  
Err http://in.archive.ubuntu.com/ubuntu/ trusty/main g++ amd64 4:4.8.2-1ubuntu6  
500 Software caused connection abort [IP: 185.125.190.39 80]  
Err http://security.ubuntu.com/ubuntu/ trusty-security/main libstdc++-4.8-dev an  
d64 4.8.4-2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 91.189.91.38 80]  
Err http://security.ubuntu.com/ubuntu/ trusty-security/main g++-4.8 amd64 4.8.4-  
2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 91.189.91.38 80]  
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/libstdc  
++-4.8-dev_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abo  
rt [IP: 91.189.91.38 80]  
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/g++-4.8  
_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abort [IP: 91  
.189.91.38 80]  
E: Failed to fetch http://in.archive.ubuntu.com/ubuntu/pool/main/g/gcc-defaults/  
g++-4.8.2-1ubuntu6_amd64.deb 500 Software caused connection abort [IP: 185.125  
.190.39 80]  
E: Unable to fetch some archives, maybe run apt-get update or try with --fix-mis  
sing?  
user@vmub-hadoop1:~$ sudo gedit add.c  
(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager  
was not provided by any .service files  
(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager  
was not provided by any .service files  
(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager  
was not provided by any .service files  
^Cuser@vmub-hadoop1:~$ gcc add.c
```

```
user@vmub-hadoop1: ~  
Do you want to continue? [Y/n] y  
WARNING: The following packages cannot be authenticated!  
  libstdc++-4.8-dev g++-4.8 g++  
Install these packages without verification? [y/N] y  
Err http://in.archive.ubuntu.com/ubuntu/ trusty-updates/main libstdc++-4.8-dev a  
md64 4.8.4-2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 185.125.190.39 80]  
Err http://in.archive.ubuntu.com/ubuntu/ trusty/main g++ amd64 4:4.8.2-1ubuntu6  
500 Software caused connection abort [IP: 185.125.190.39 80]  
Err http://security.ubuntu.com/ubuntu/ trusty-security/main libstdc++-4.8-dev an  
d64 4.8.4-2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 91.189.91.38 80]  
Err http://security.ubuntu.com/ubuntu/ trusty-security/main g++-4.8 amd64 4.8.4-  
2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 91.189.91.38 80]  
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/libstdc  
++-4.8-dev_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abo  
rt [IP: 91.189.91.38 80]  
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/g++-4.8  
_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abort [IP: 91  
.189.91.38 80]  
E: Failed to fetch http://in.archive.ubuntu.com/ubuntu/pool/main/g/gcc-defaults/  
g++-4.8.2-1ubuntu6_amd64.deb 500 Software caused connection abort [IP: 185.125  
.190.39 80]  
E: Unable to fetch some archives, maybe run apt-get update or try with --fix-mis  
sing?  
user@vmub-hadoop1:~$ sudo gedit add.c  
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(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager  
was not provided by any .service files  
^Cuser@vmub-hadoop1:~$ gcc add.c  
user@vmub-hadoop1:~$ ./a.out
```



```
user@vmub-hadoop1:~  
Install these packages without verification? [y/N] y  
Err http://in.archive.ubuntu.com/ubuntu/ trusty-updates/main libstdc++-4.8-dev a  
md64 4.8.4-2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 185.125.190.39 80]  
Err http://in.archive.ubuntu.com/ubuntu/ trusty/main g++ amd64 4:4.8.2-1ubuntu6  
500 Software caused connection abort [IP: 185.125.190.39 80]  
Err http://security.ubuntu.com/ubuntu/ trusty-security/main libstdc++-4.8-dev an  
d64 4.8.4-2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 91.189.91.38 80]  
Err http://security.ubuntu.com/ubuntu/ trusty-security/main g++-4.8 amd64 4.8.4-  
2ubuntu1-14.04.3  
500 Software caused connection abort [IP: 91.189.91.38 80]  
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/libstdc  
++-4.8-dev_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abo  
rt [IP: 91.189.91.38 80]  
E: Failed to fetch http://security.ubuntu.com/ubuntu/pool/main/g/gcc-4.8/g++-4.8  
_4.8.4-2ubuntu1-14.04.3_amd64.deb 500 Software caused connection abort [IP: 91  
.189.91.38 80]  
E: Failed to fetch http://in.archive.ubuntu.com/ubuntu/pool/main/g/gcc-defaults/  
g++-4.8.2-1ubuntu6_amd64.deb 500 Software caused connection abort [IP: 185.125  
.190.39 80]  
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user@vmub-hadoop1:~$ sudo gedit add.c  
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was not provided by any .service files  
(gedit:3527): Gtk-WARNING **: Calling Inhibit failed: GDBus.Error:org.freedesktop.DBus.Error.ServiceUnknown: The name org.gnome.SessionManager  
was not provided by any .service files  
^Cuser@vmub-hadoop1:~$ gcc add.c  
user@vmub-hadoop1:~$ ./a.out  
10  
20  
Addition of num1 + num2 = 30user@vmub-hadoop1:~$
```