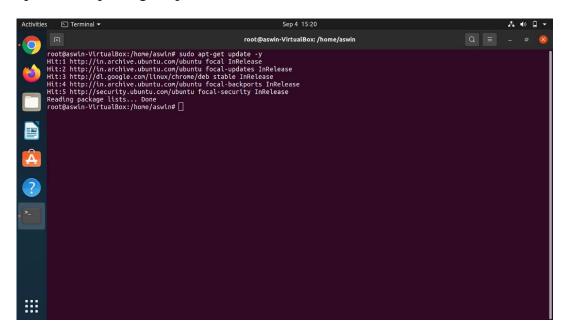
EXPIRIMENT-7:

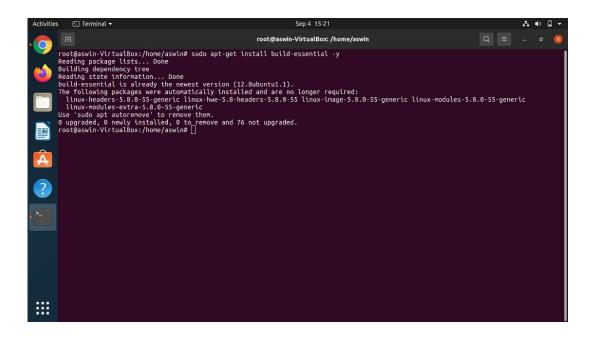
Aim:Build and install software from source code, familiarity with make and make utilities expected.

Solution:-

Step 1: make packages uptodate.

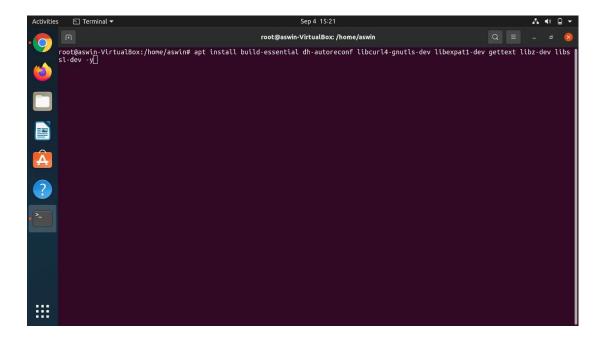


• Next, you'll need to make sure you have a compiler available. Run this command to install build-essential:



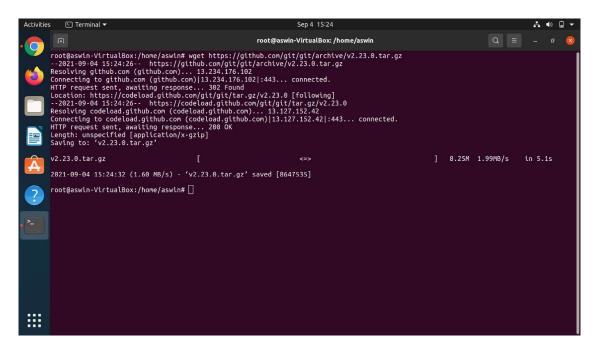
Step 2: Download Dependencies

• When installing a package from source code, you'll need to manage the installation of the package dependencies. We'll use apt-get to install git's dependencies:



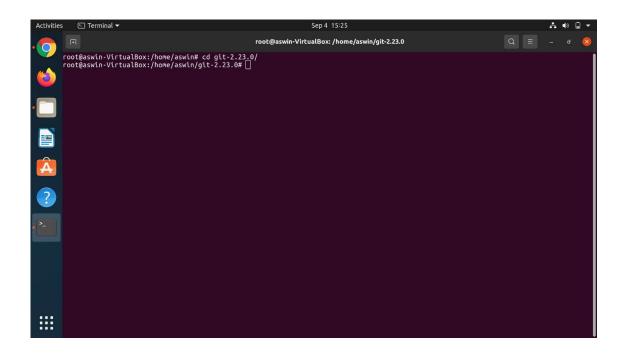
Step 3: Download the Source Package

• Once the package dependencies are in place, it's time to download the package with wget:



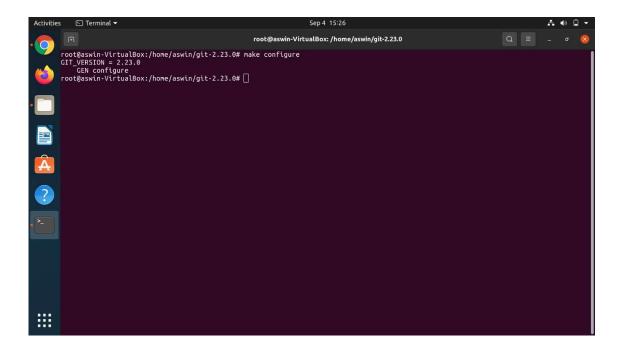
• Next, we need to extract the archive and cd (change directories) into the new git directory:





Step 4: Install Git

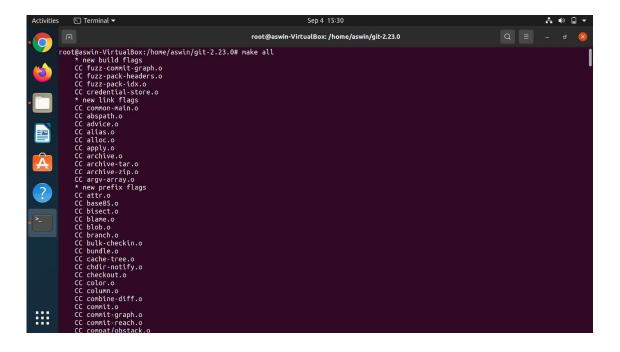
• Now that we have our package extracted and ready to go, we need to configure it:



• Next, let's verify that all of the dependencies necessary to build the package are available by running this command:



• then build the source code:



• now install git.



installation success.

