

# Installation Instructions for Xilinx ISE 12.3 & Digilent Adept

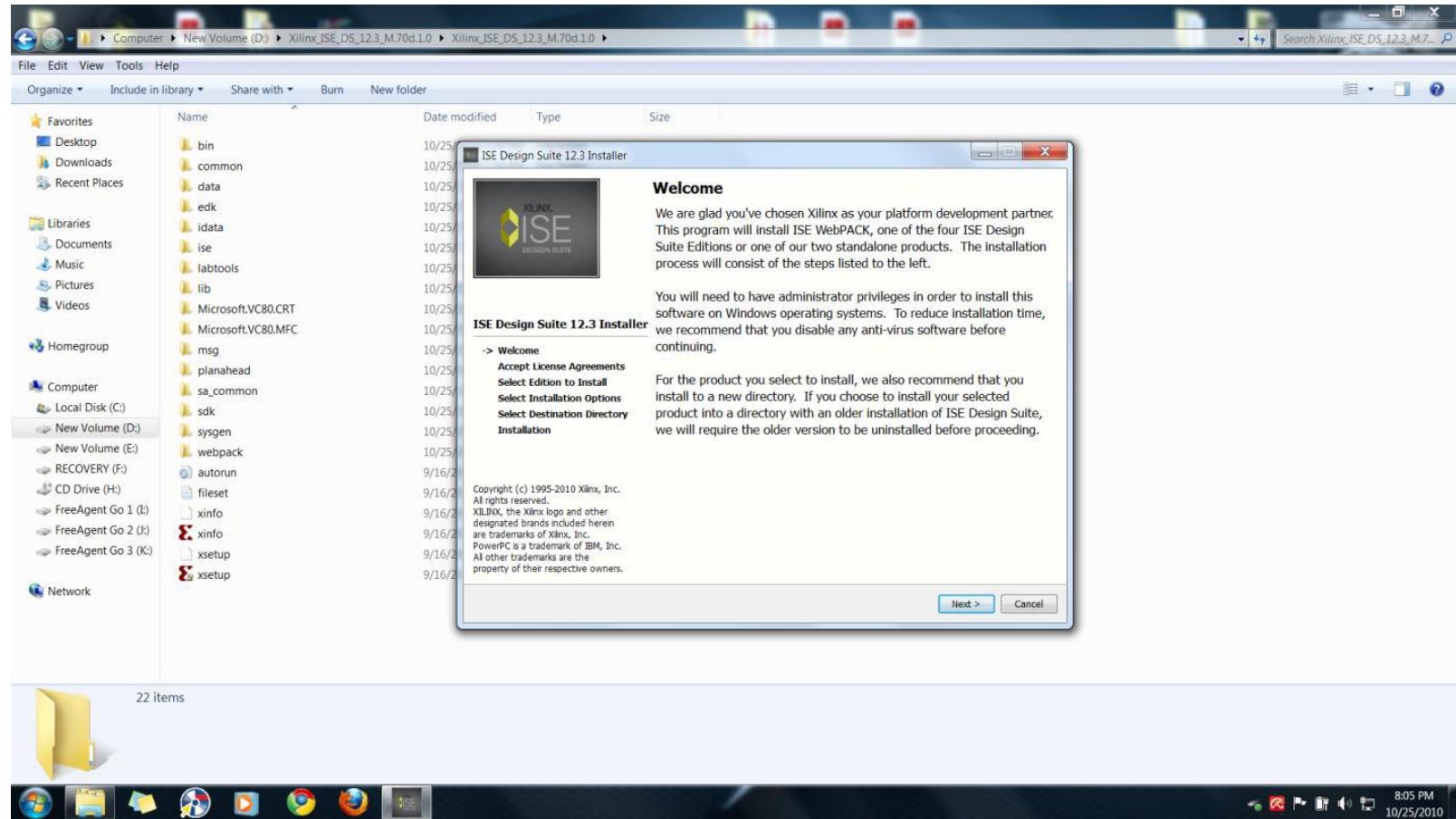
**NOTE:** Please make sure that you have at least 20 GB of free space in your hard drive to download and install the required software.

## A) Xilinx ISE 12.3 for Windows (for both 32-bit and 64-bit OS)

A.1) Download the Xilinx\_ISE\_DS\_12.3\_M.70d.1.0.rar file from [DC++](#) or take it from any of your friends who have already downloaded.

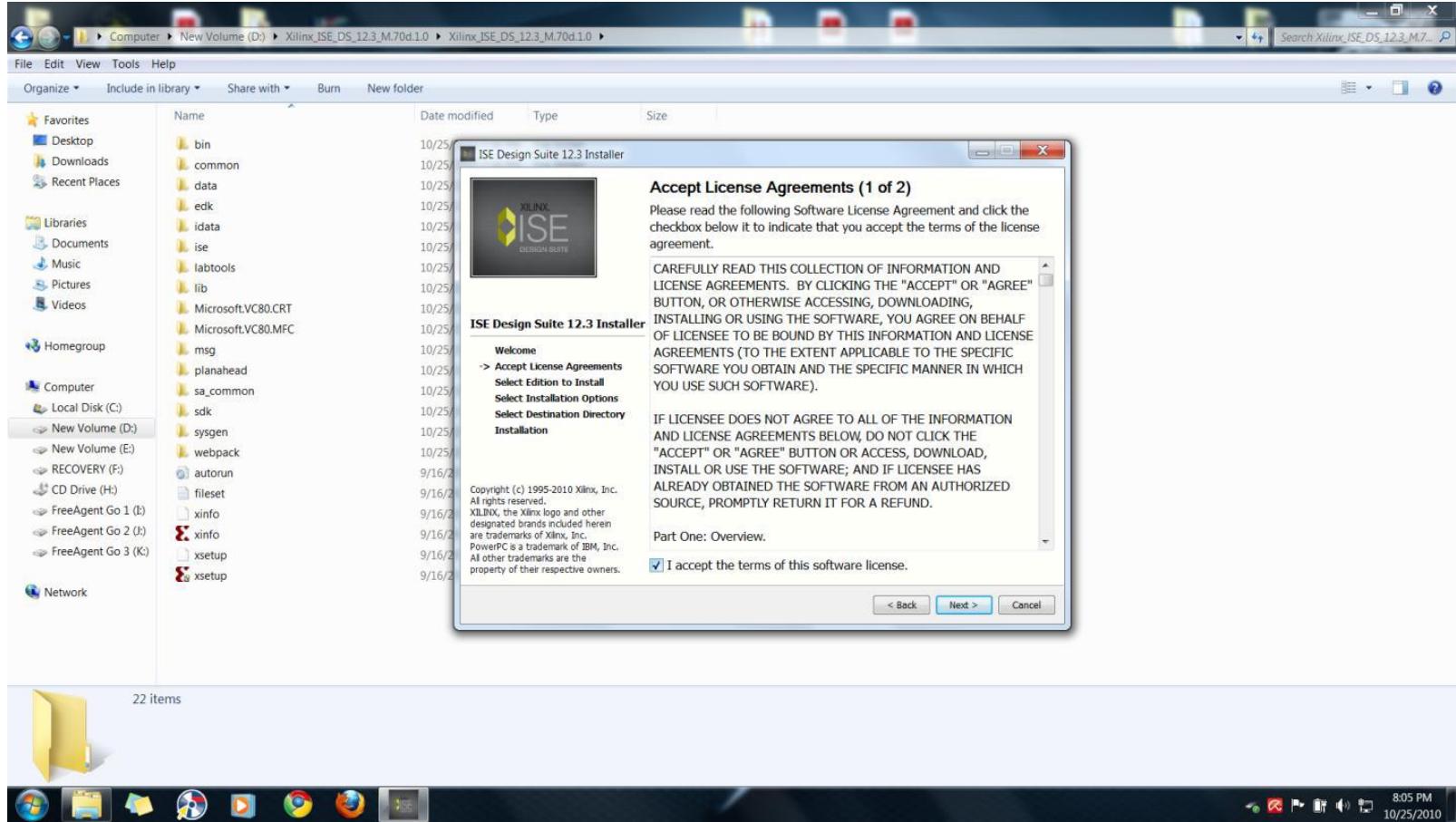
A.2) After the download is complete extract the .rar file using WinRAR or any other tool you know. Extract to any of your desired folder.

A.3) After the extract process is complete. Go to the extracted folder and double click on xsetup.exe file. The following screen will appear.

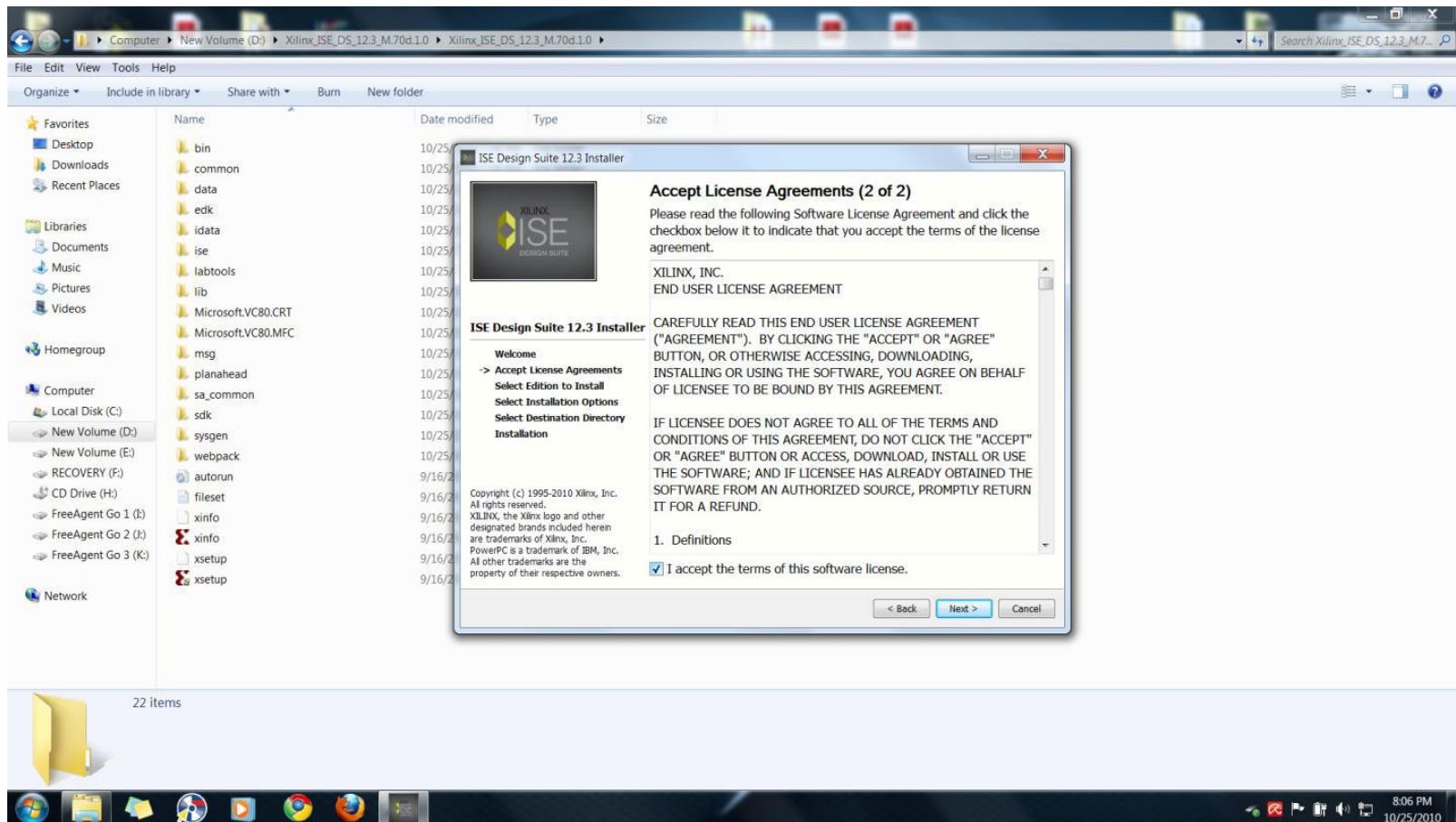


## 2 Installation Instructions

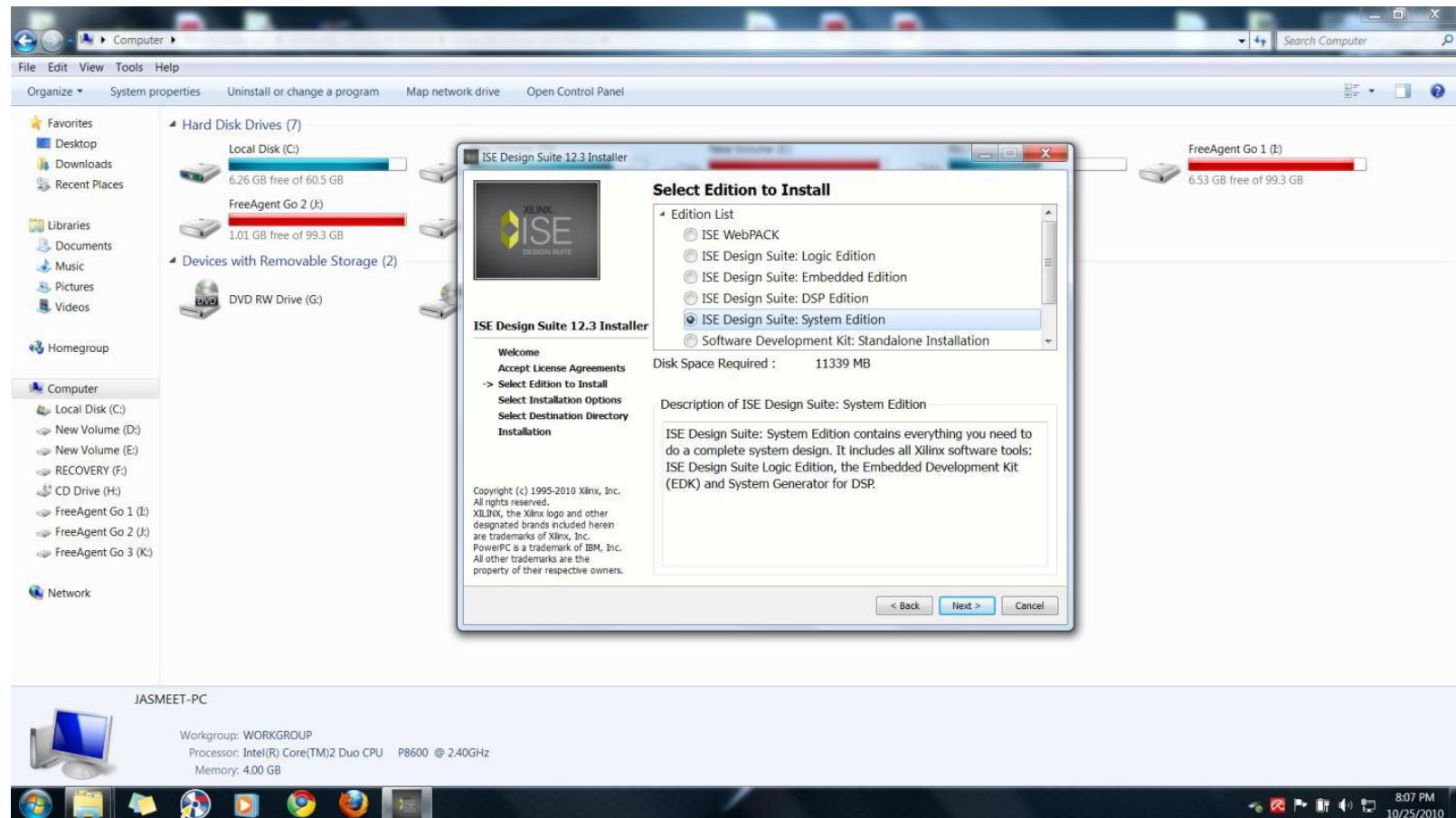
### A.4)Accept License agreement (1 of 2)



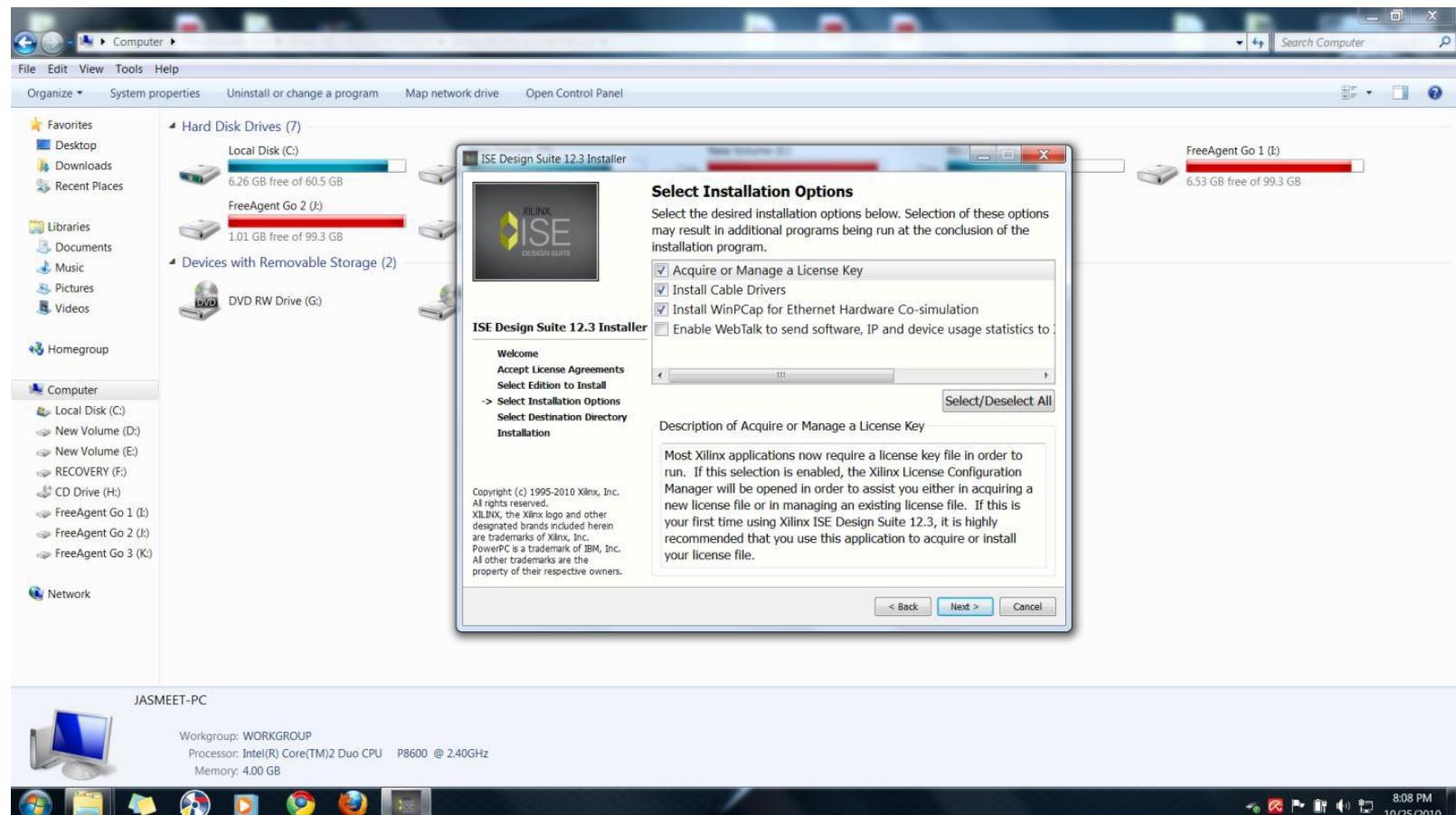
### A.5)Accept License agreement (2 of 2)



**A.6) NOTE**This is a critical step. You should note that only Xilinx Webpack is free to install. All other tools are not free to use and they come only with 30-day Trial version (one license costs \$5200). We need only ISE Webpack for EHD Lab. Work. So you should select ISE Webpack. (I selected ISE Design Suite System Edition to check if all components work in this version or not). You can get information about various editions on Xilinx website:<http://www.xilinx.com/tools/designtools.htm>



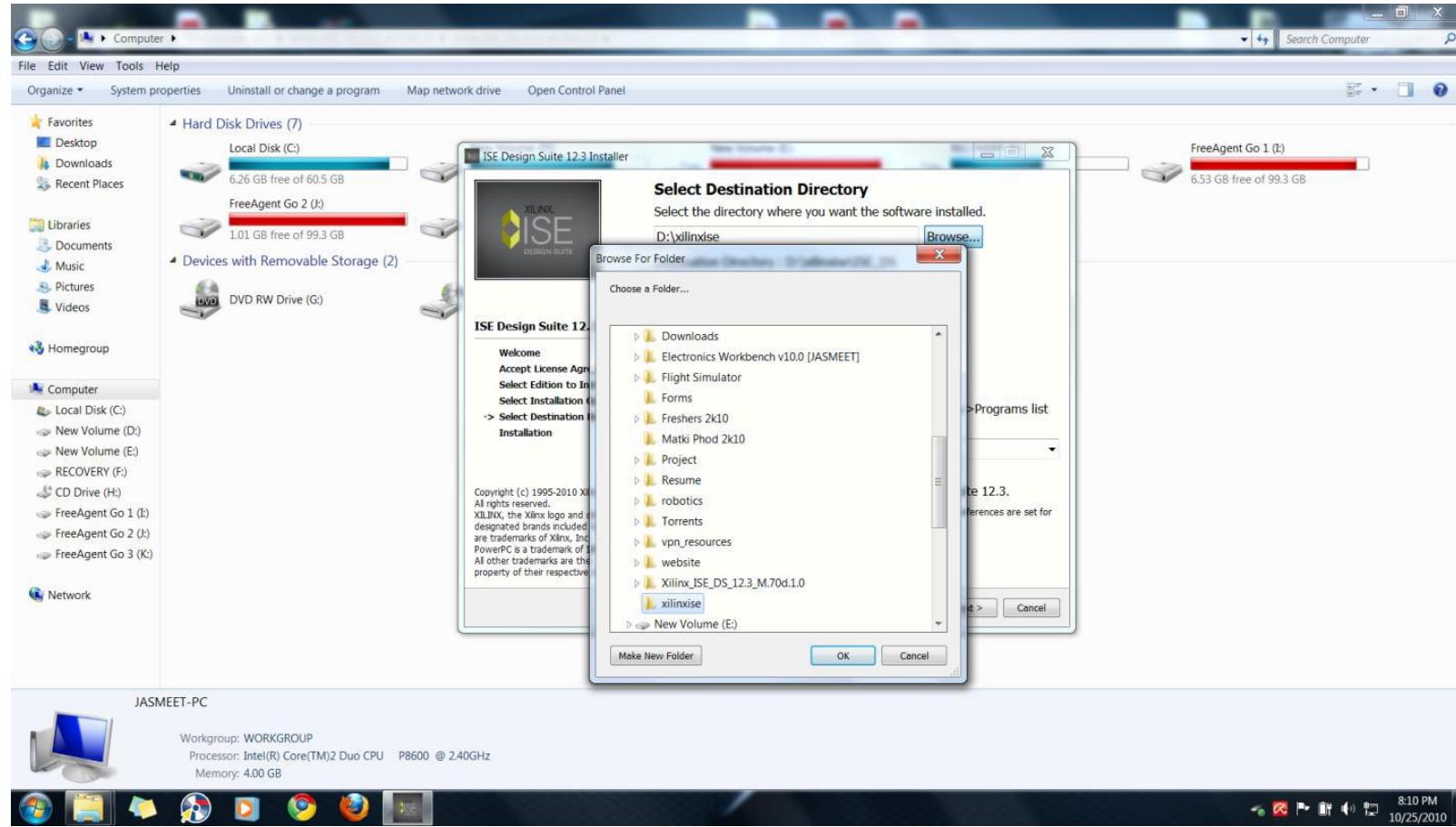
**A.7) Uncheck WebTalk, to avoid conflicts with license key and unnecessary internet usage.**



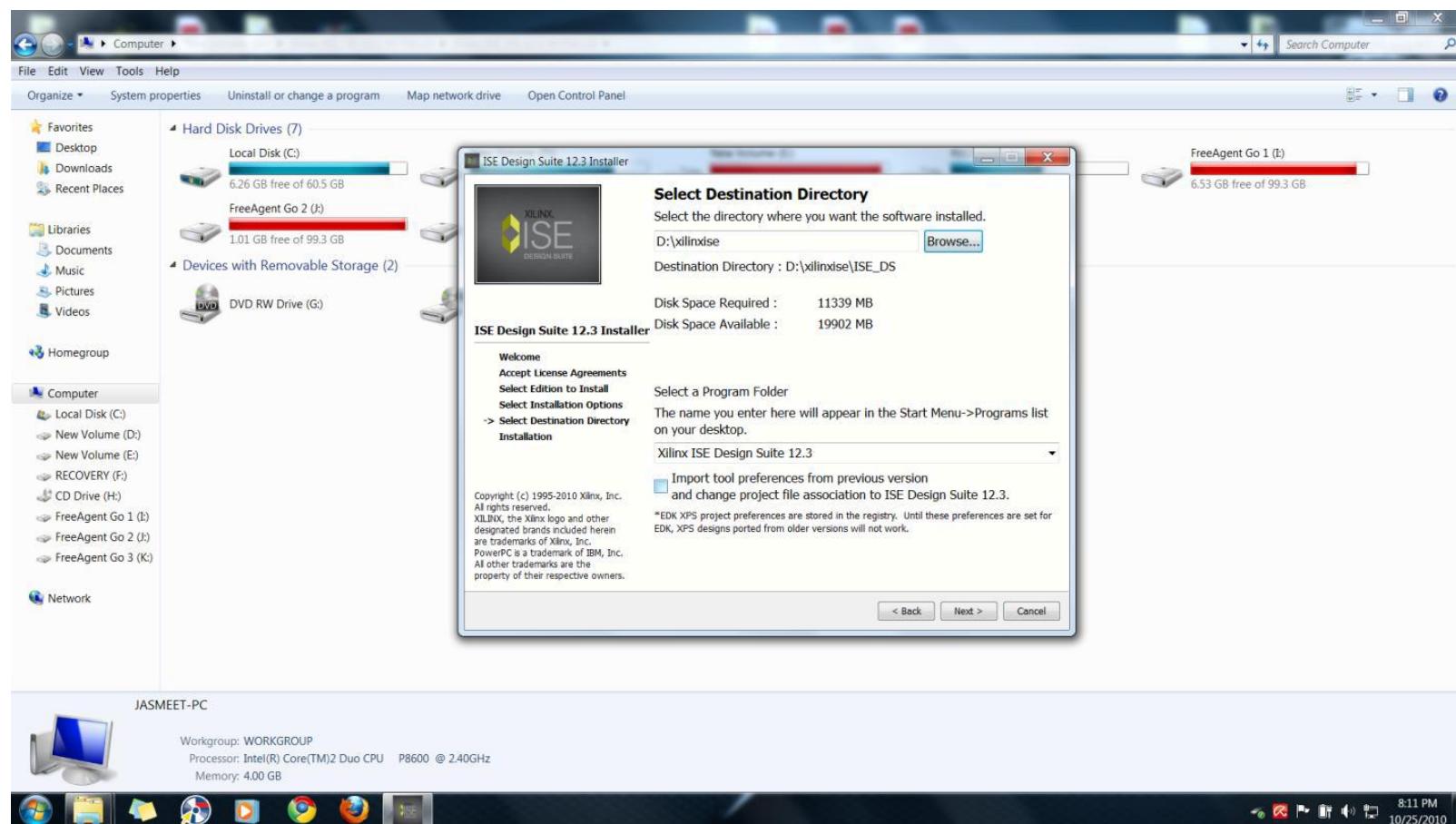
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## 4 Installation Instructions

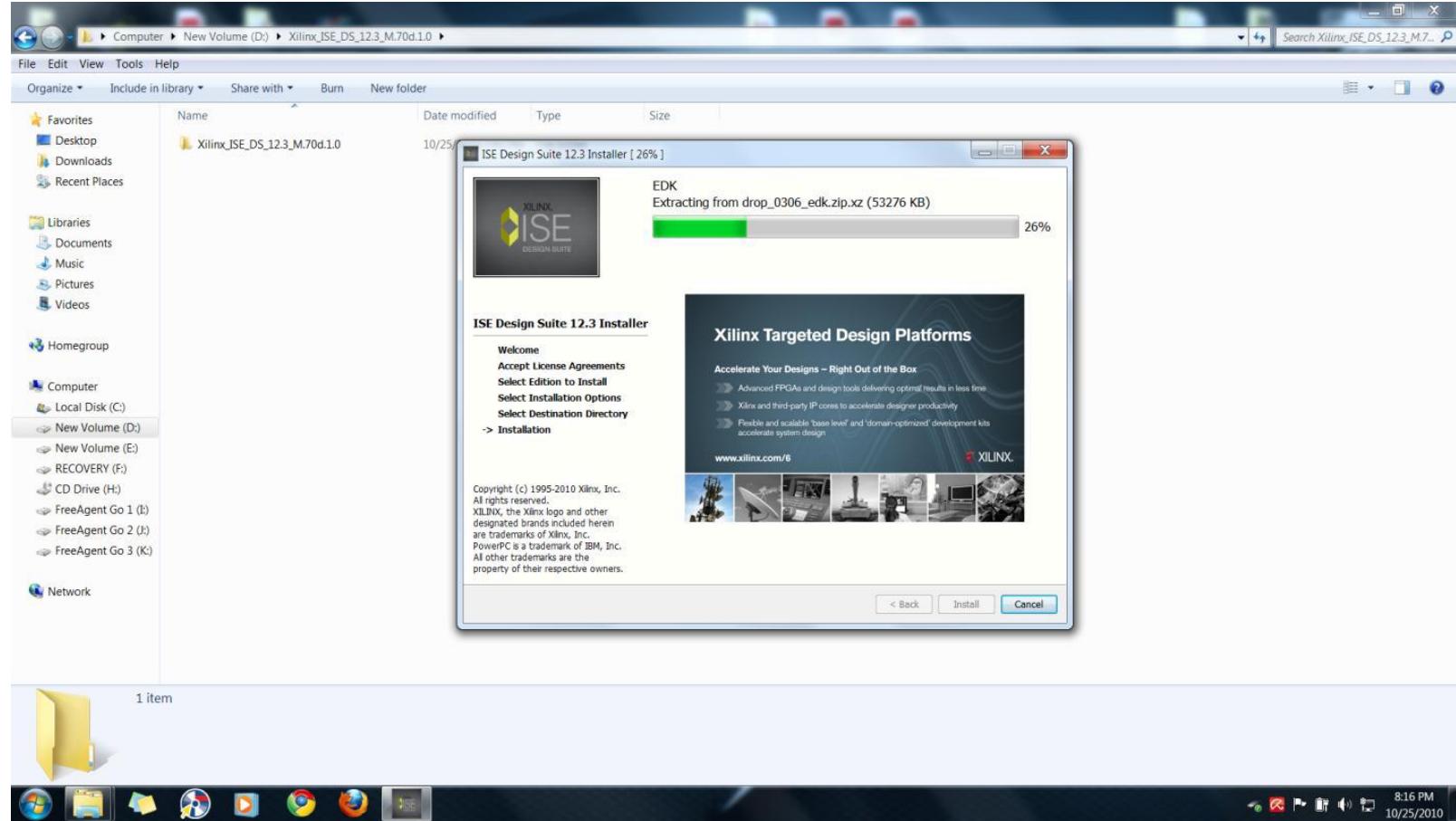
A.8)Select your installation directory. You need to have at least 11 GB of free space on your hard disk.



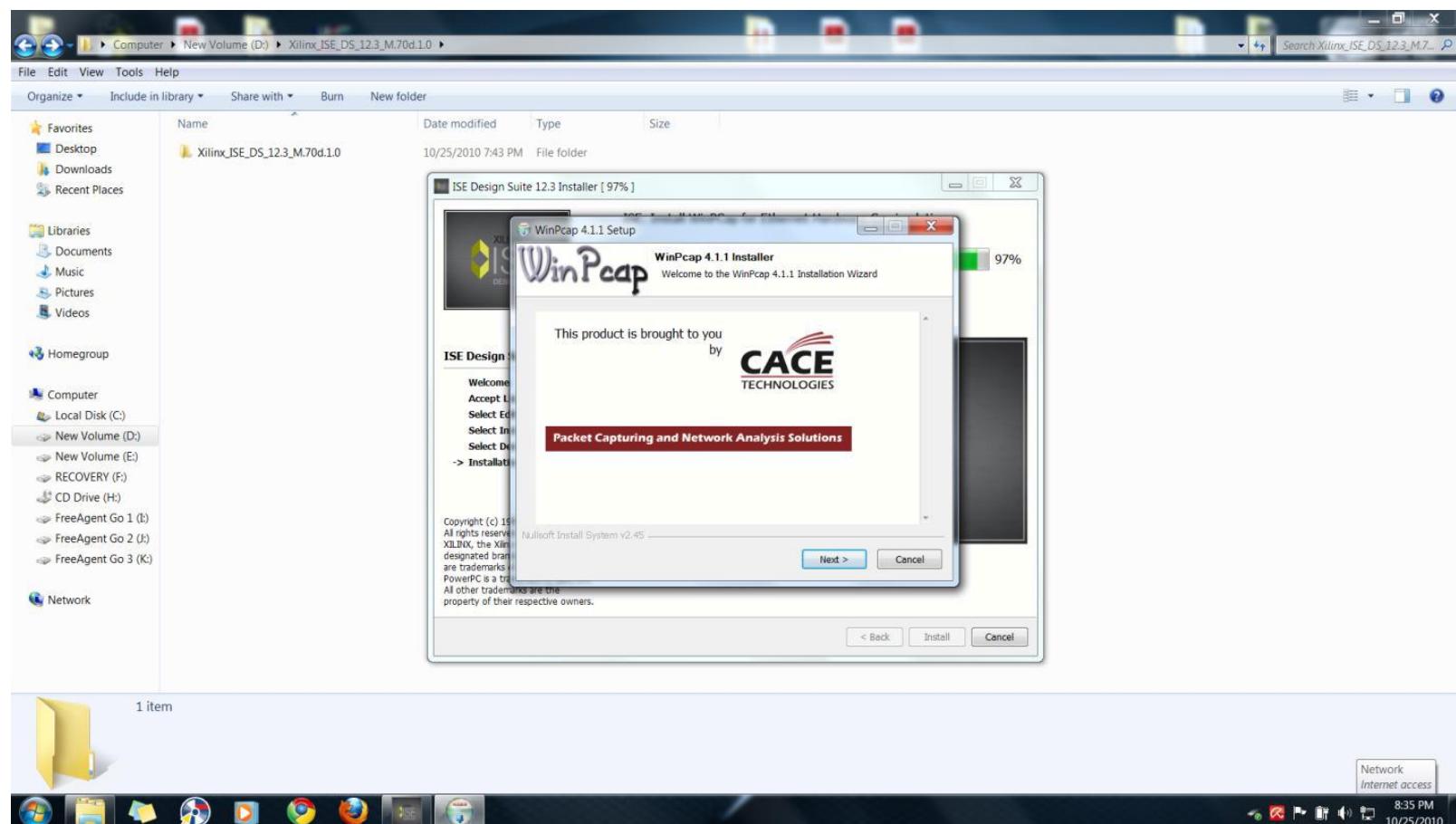
A.9)Uncheck Import tool preferences.



A.10) Click Next and start the installation. Your screen will look like this.

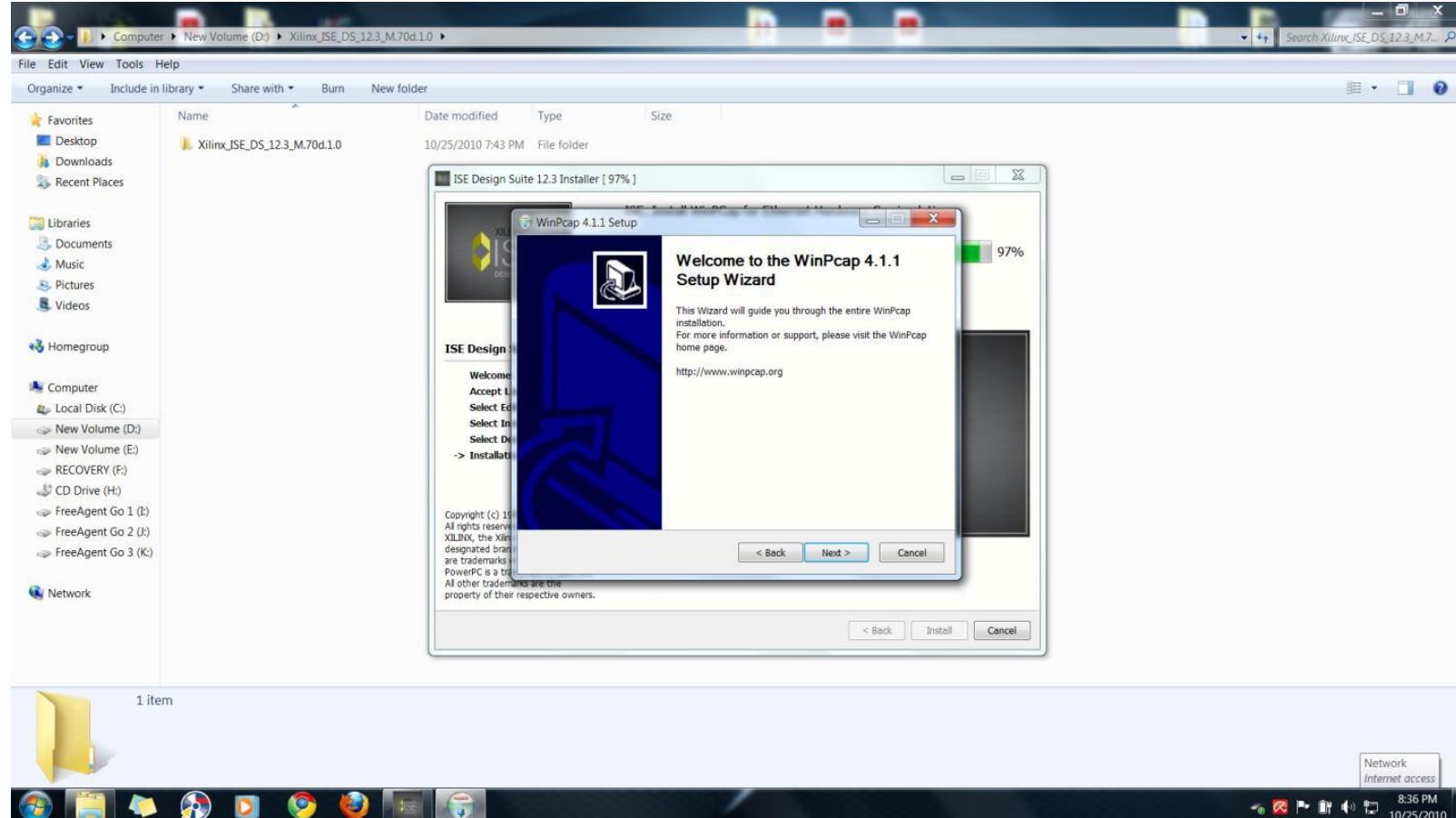


A.11) At 97% of the setup a window will pop-up. Just follow the instructions. Keep on clicking next. Install everything that comes in the way. You can still look at the screenshots or directly go to step A.21).

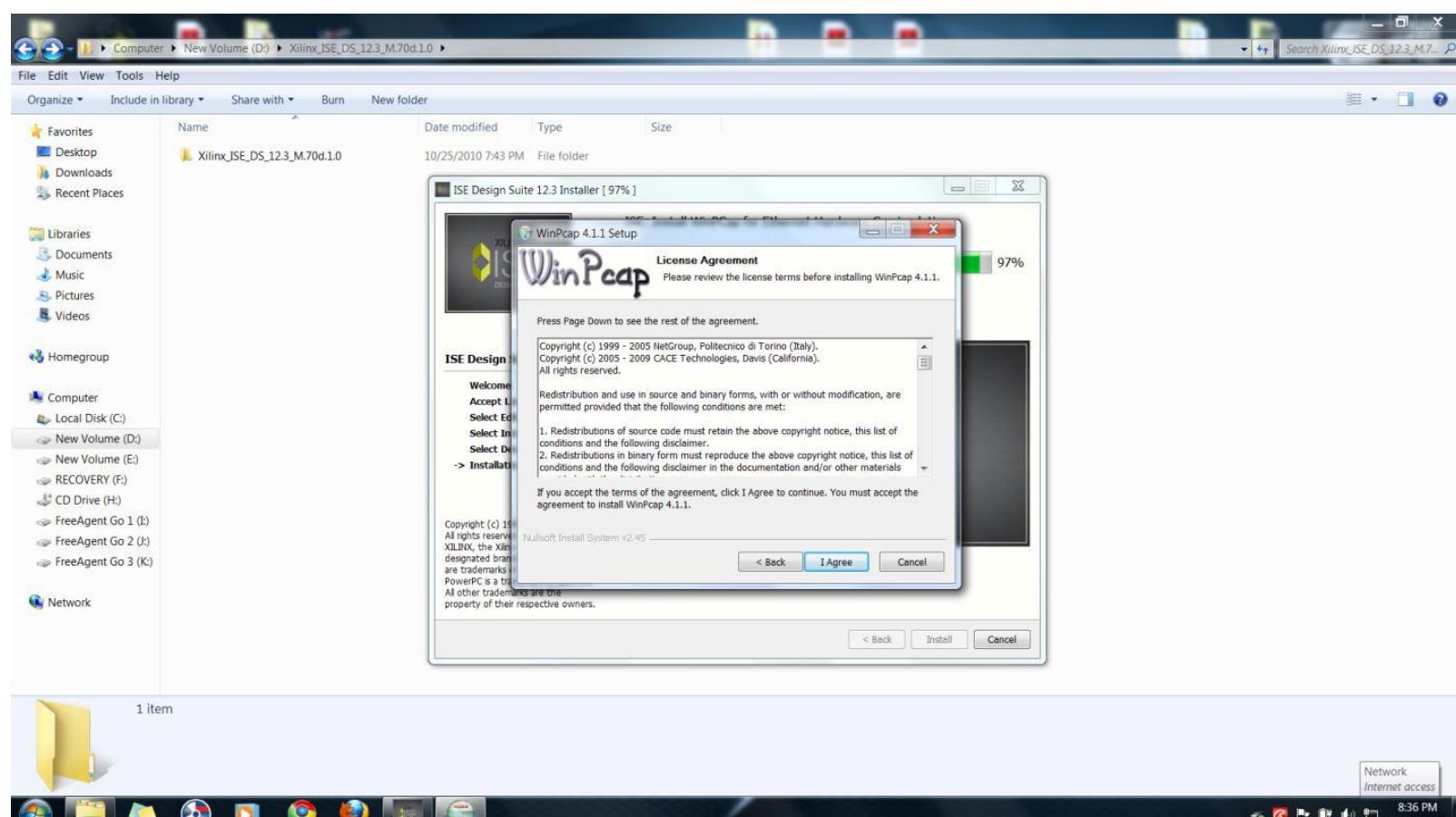


## 6 Installation Instructions

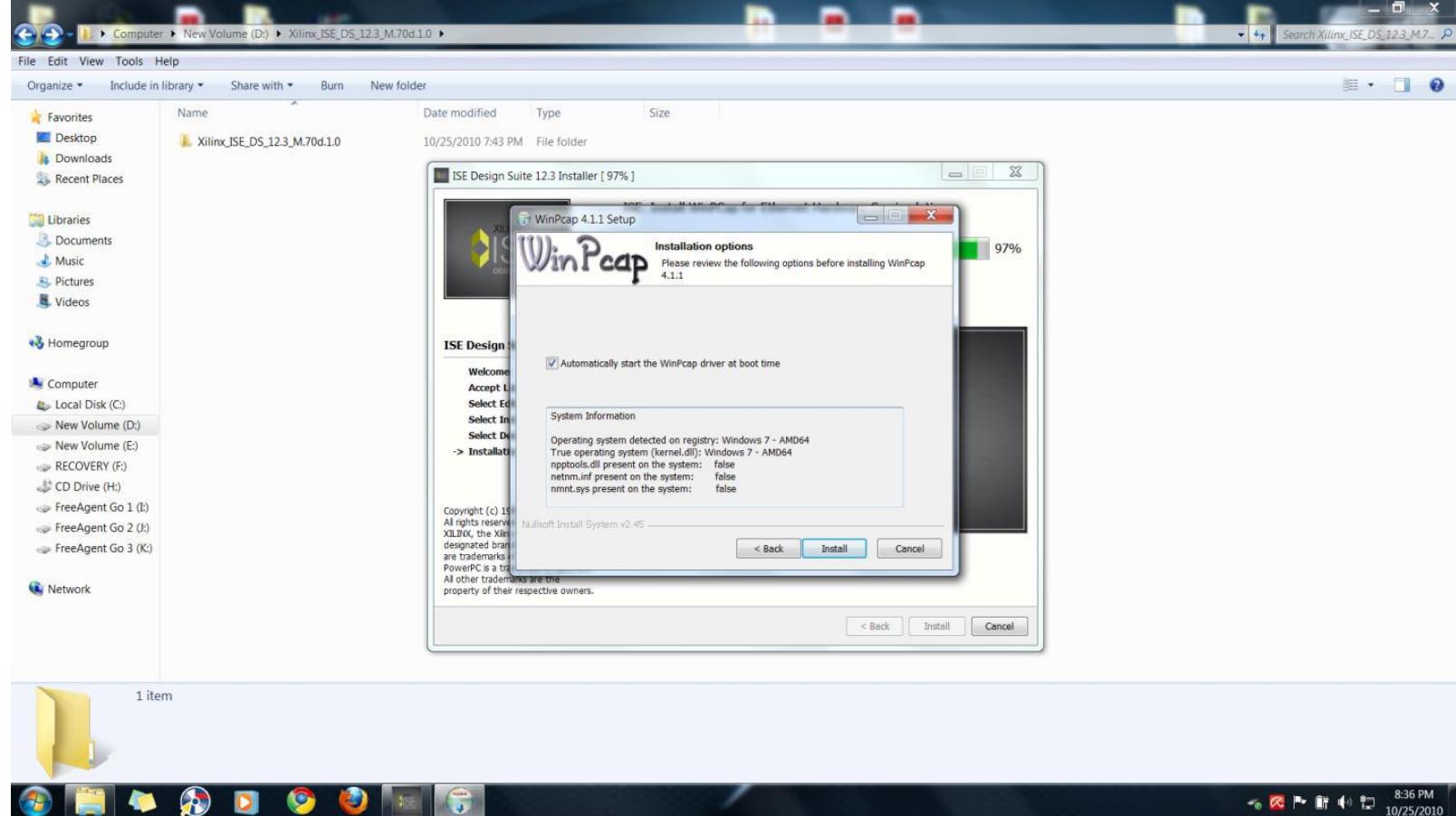
A.12)



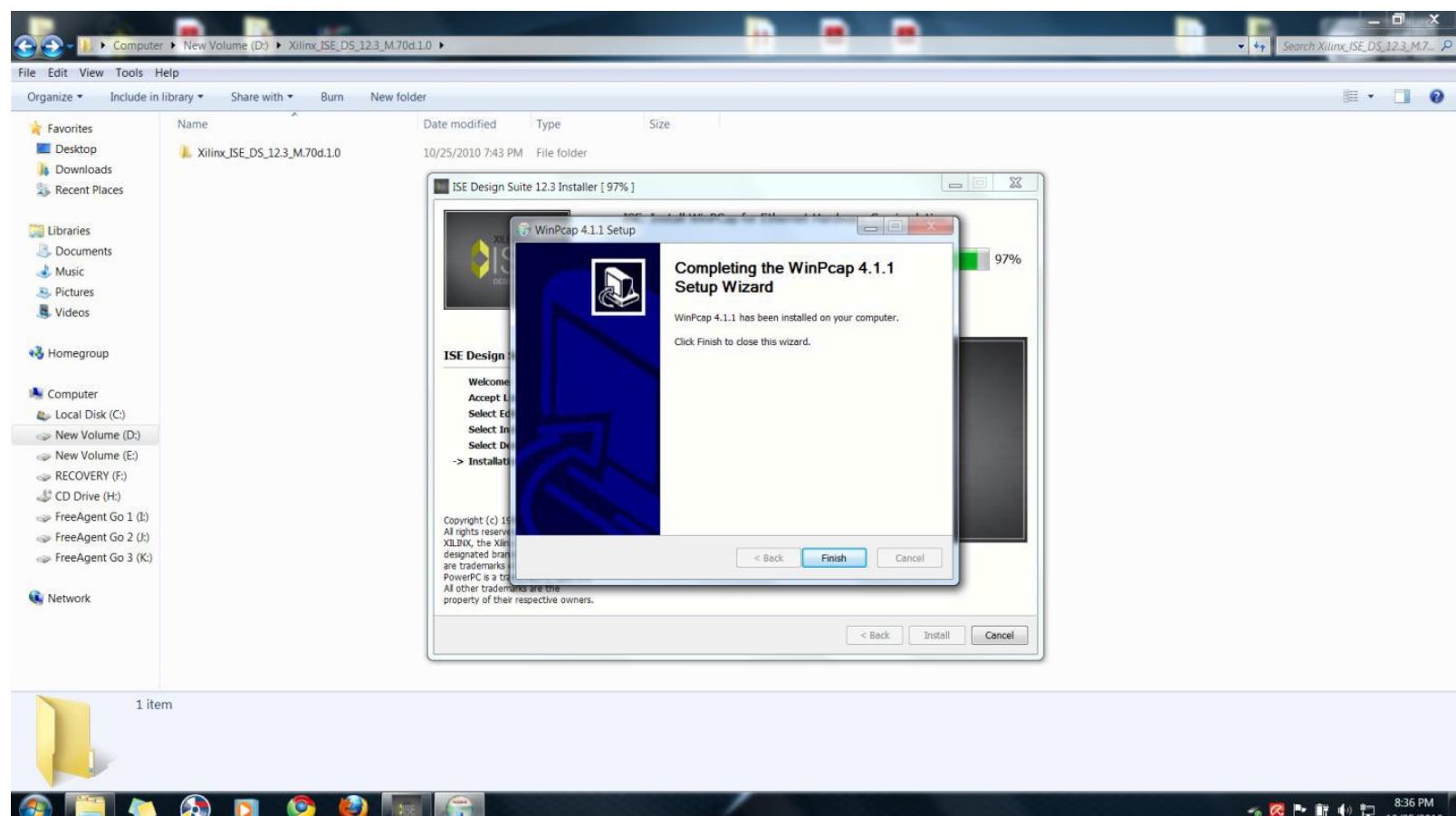
A.13)



A.14)



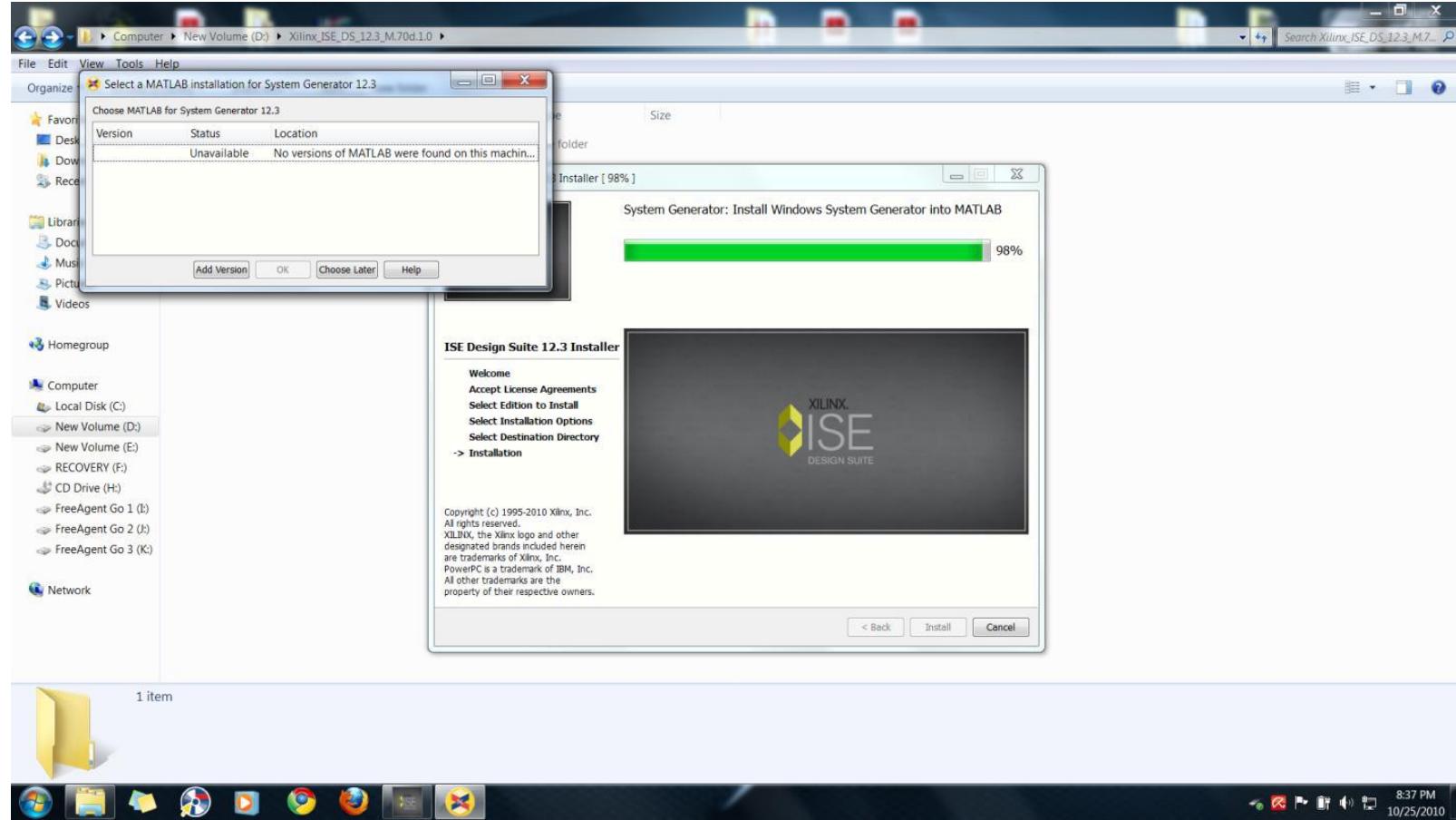
A.15)



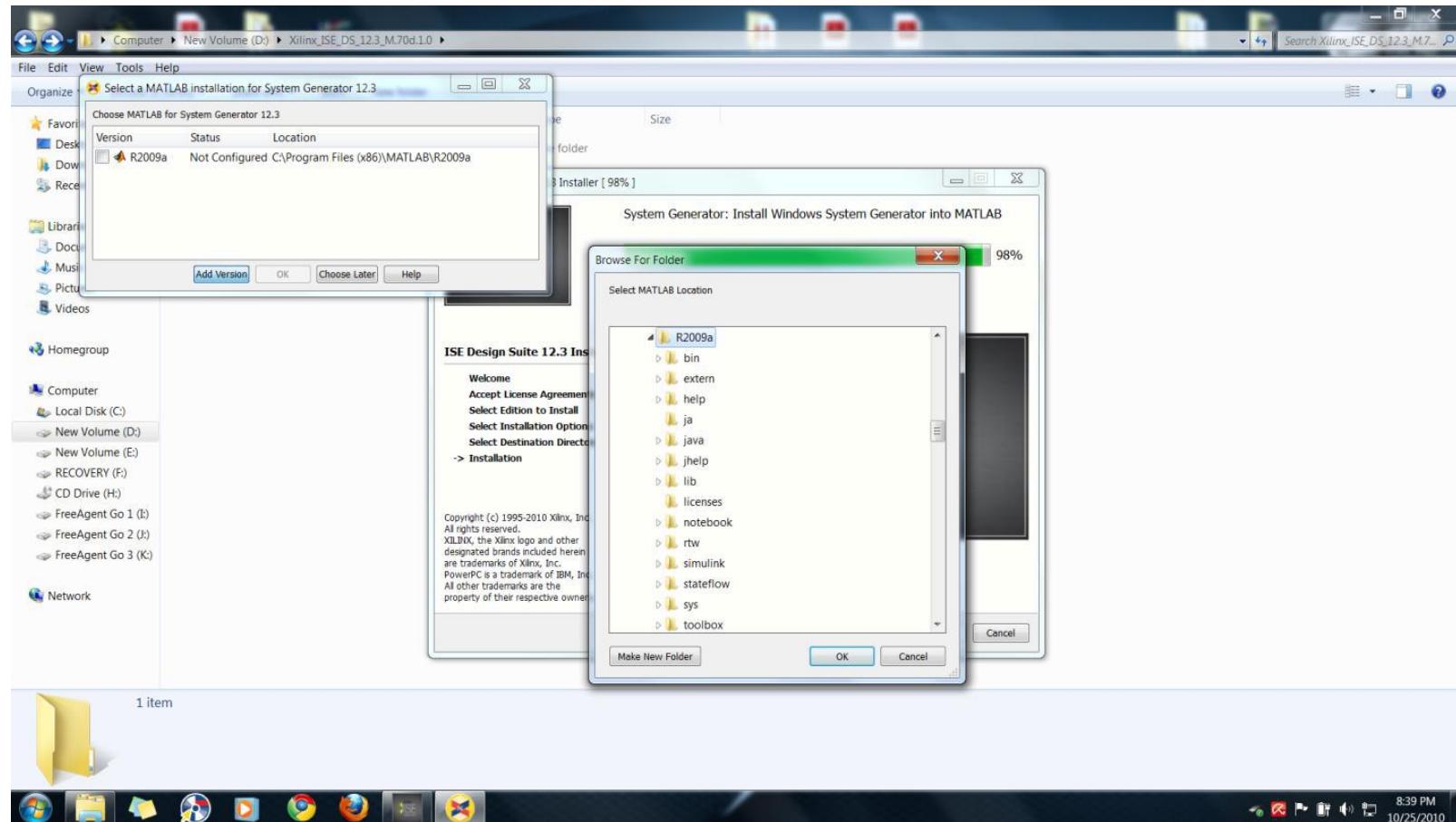
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## 8 Installation Instructions

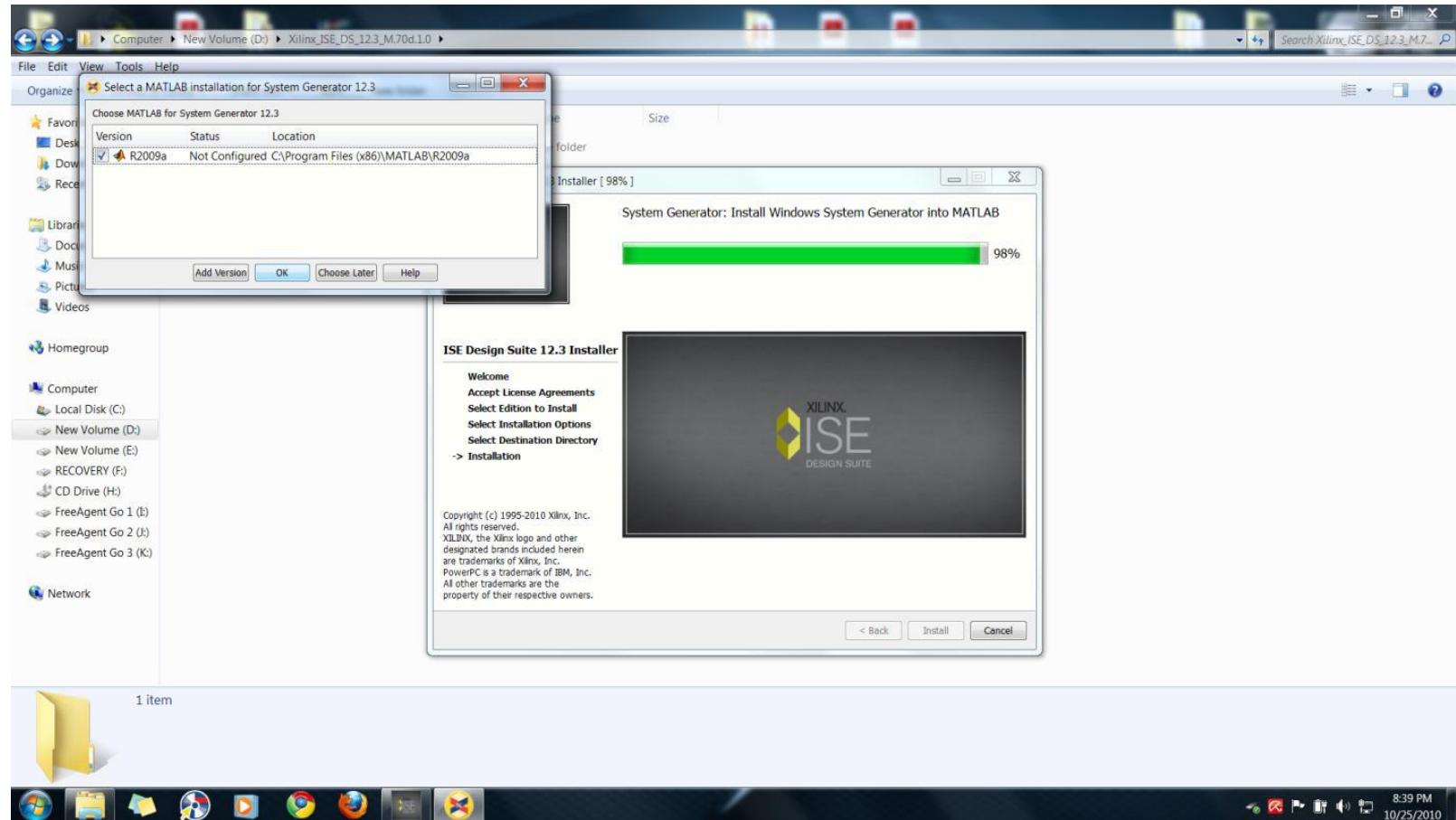
A.16) You can skip this step by selecting “Choose Later” or just add the Matlab install folder. If you don’t have matlab installed on your system just skip this step. It is not required.



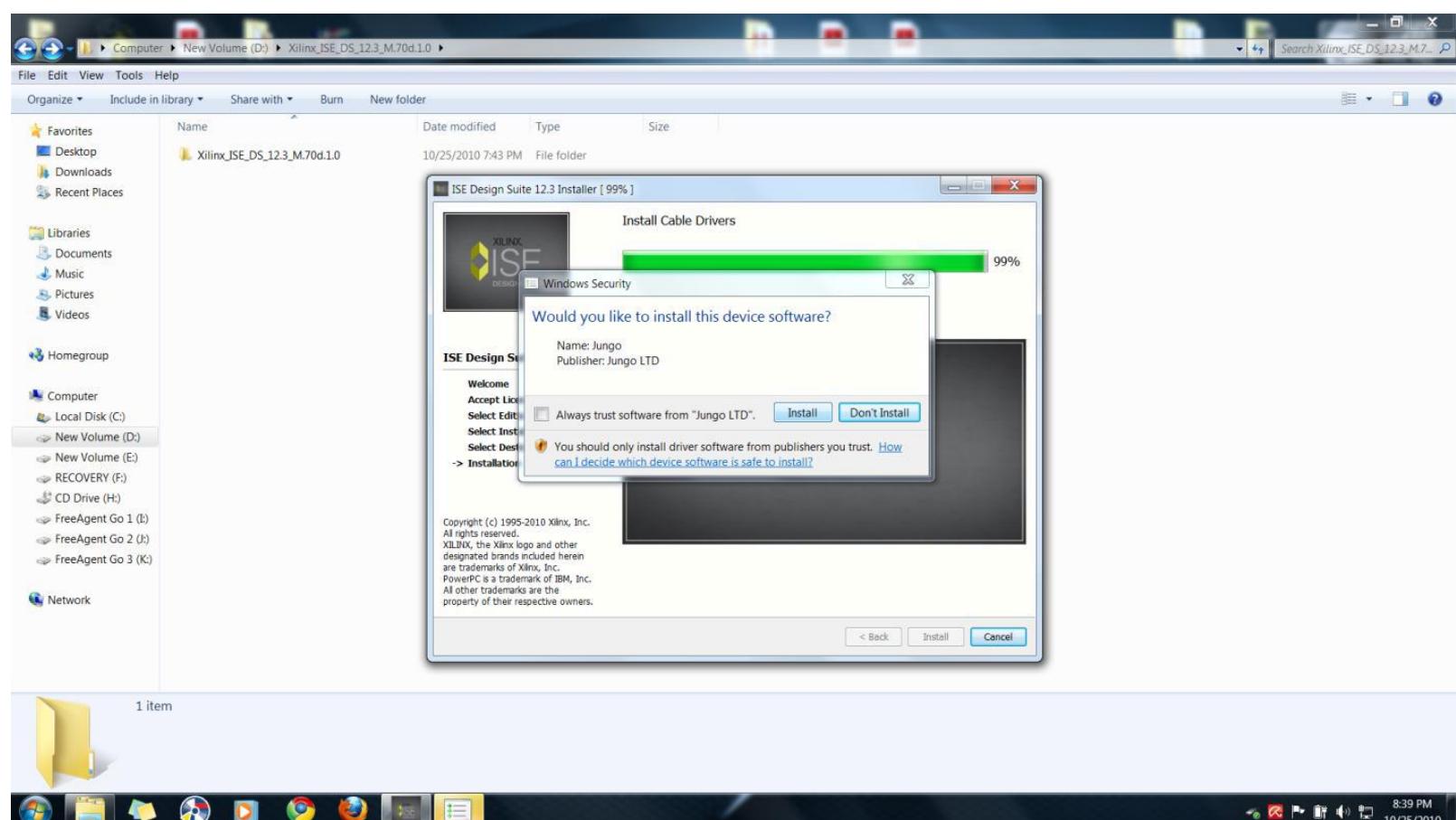
A.17) Select the matlab installation folder. You skip this step by selecting choose later.



A.18)

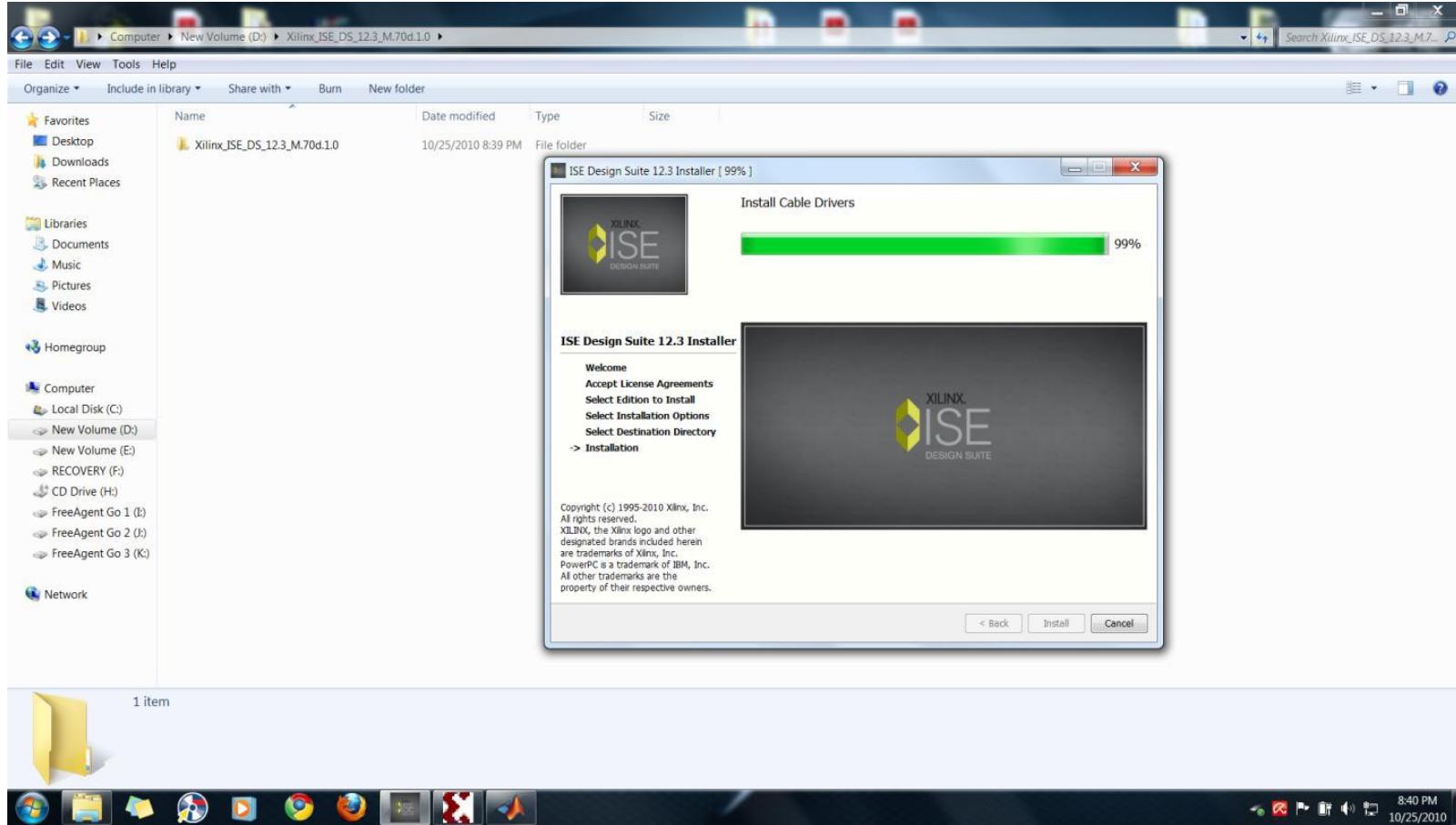


A.19)

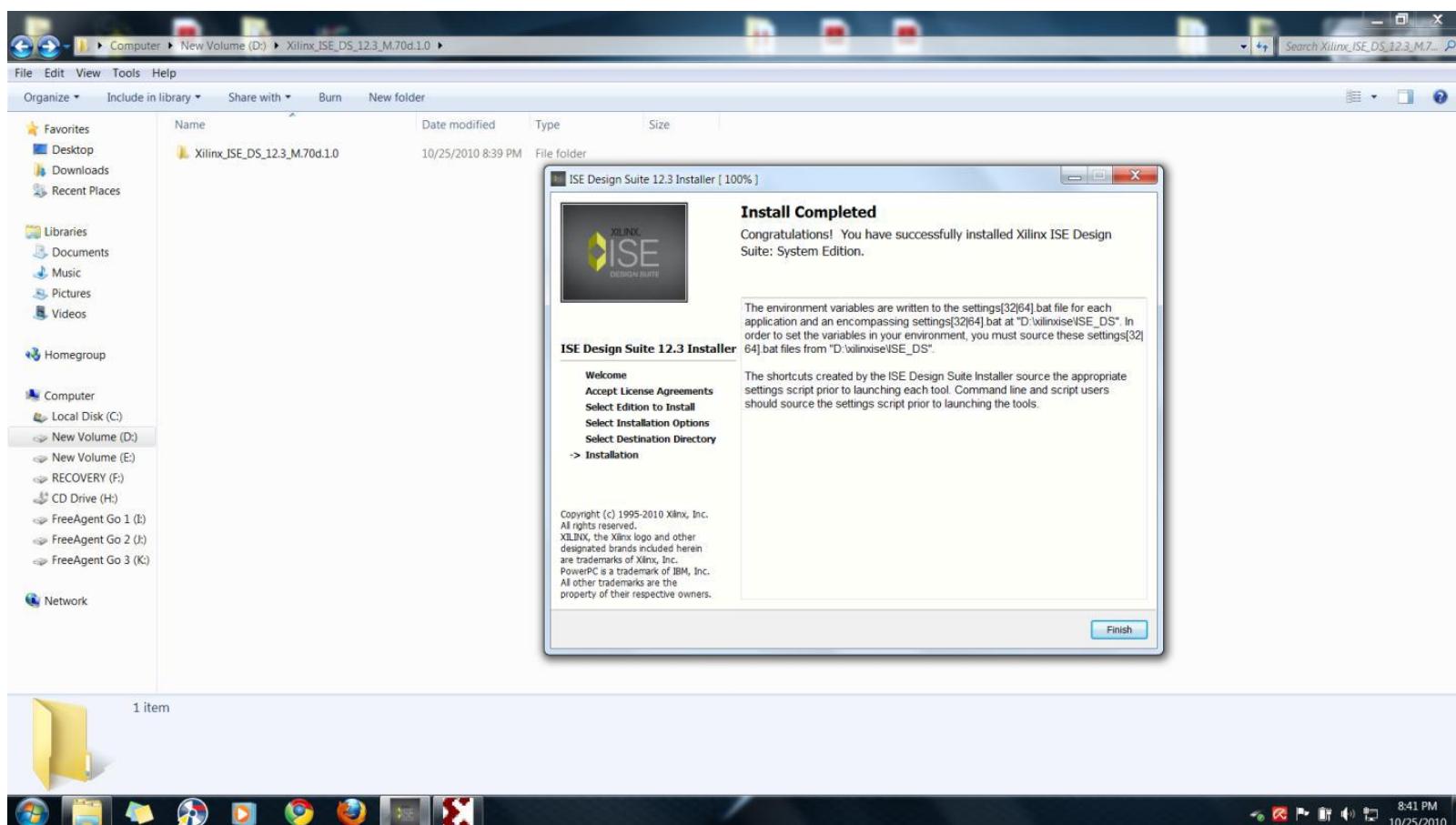


## 10 Installation Instructions

A.20)



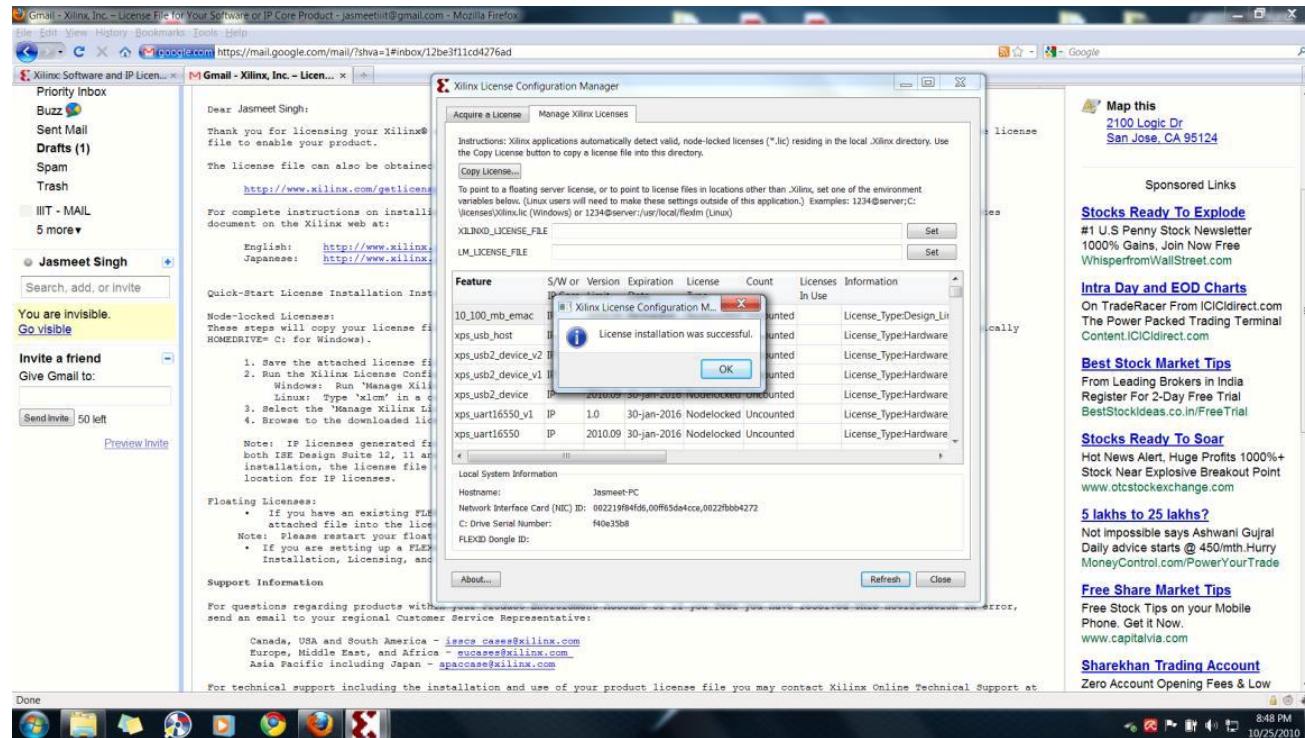
A.21) Click on finish.



## Installing License

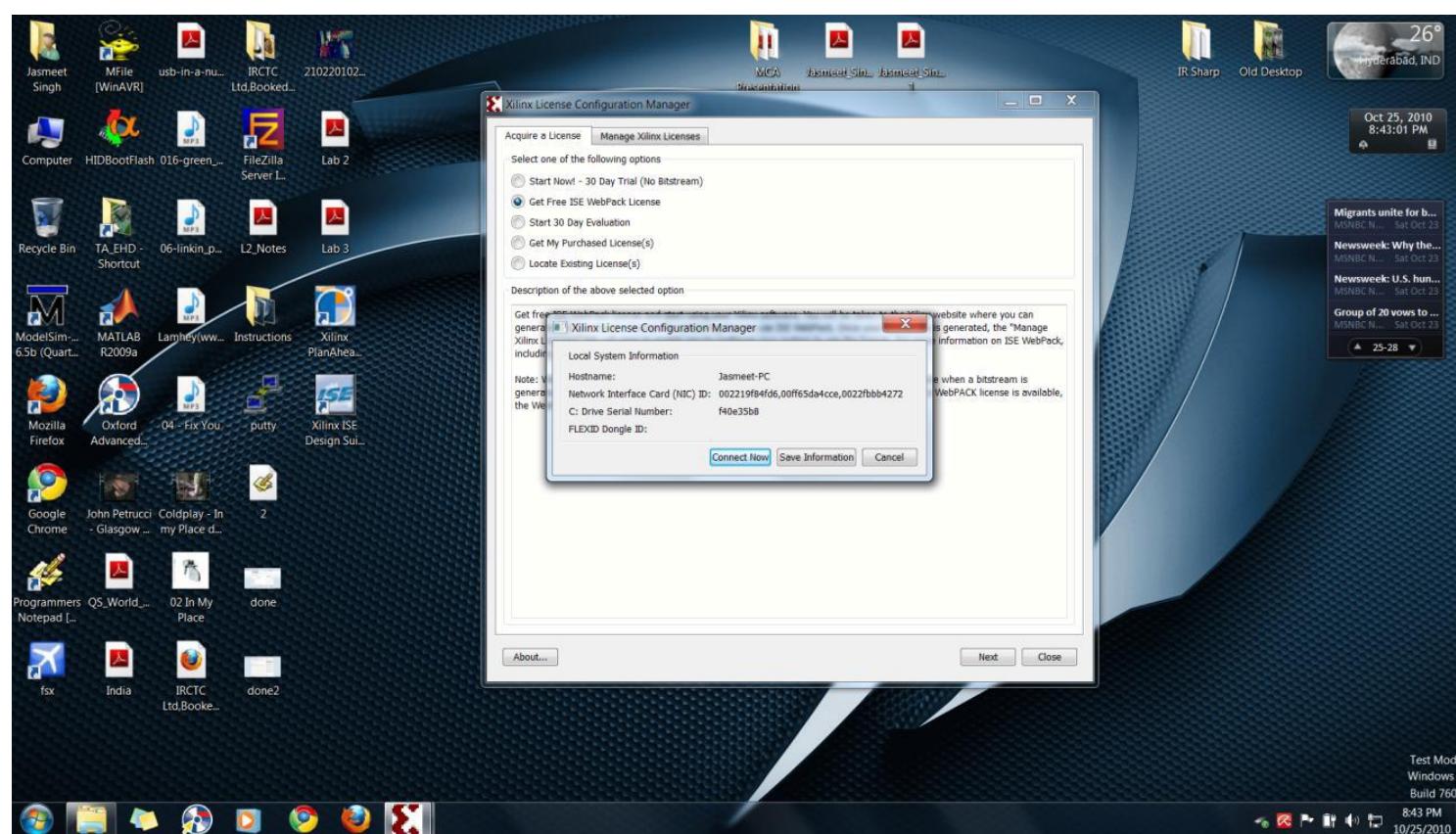
There are two ways to install ISE Webpack license.

- 1) Download the Xilinx.lic file from <ftp://10.1.33.7> (or <ftp://10.1.33.7>). Then go to “Manage Xilinx Licenses. Click on “Copy License” and then browse to the Xilinx.lic file. The following screen will appear after successfully installing license. You can now directly proceed to step



- 2) If this step does not work for you then you can get your own license from Xilinx website. You will need to create an account on Xilinx Website and follow the following steps.

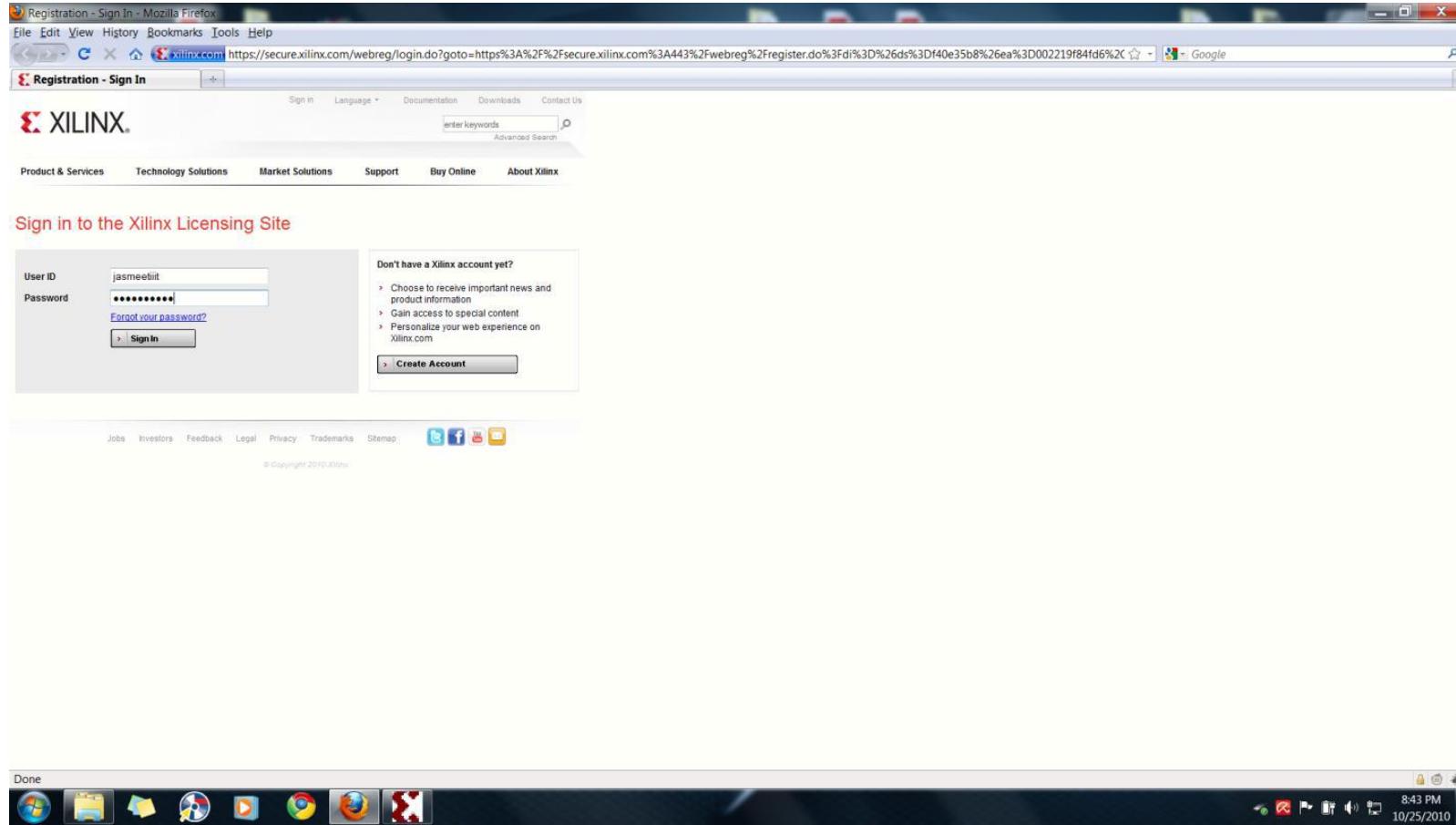
A.22) After the installation is finished the License manager tool will start automatically. Select Get Free ISE Webpack License and click Next and then Connect Now. Make sure that you are connected to Internet before proceeding.



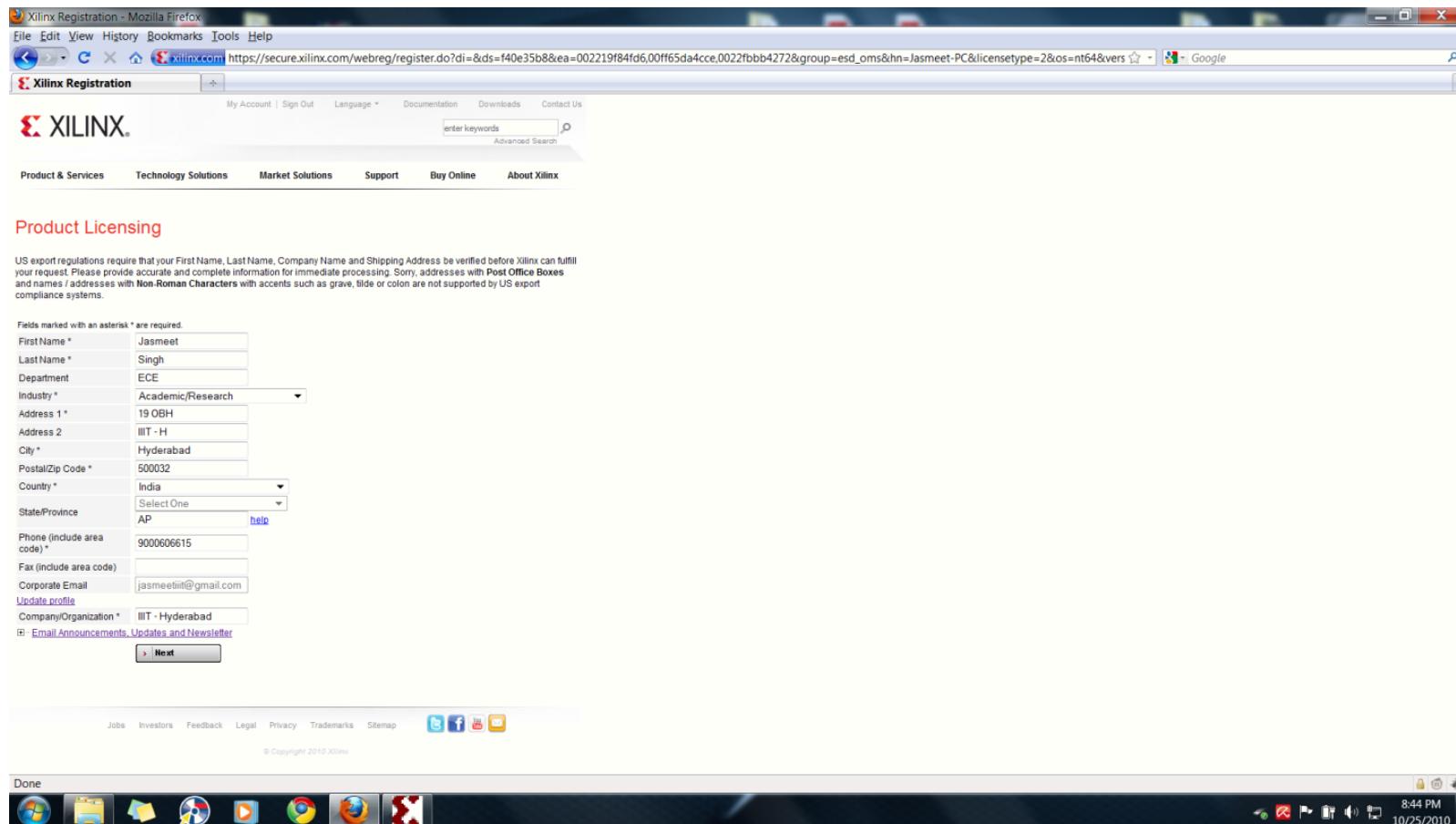
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## 12 Installation Instructions

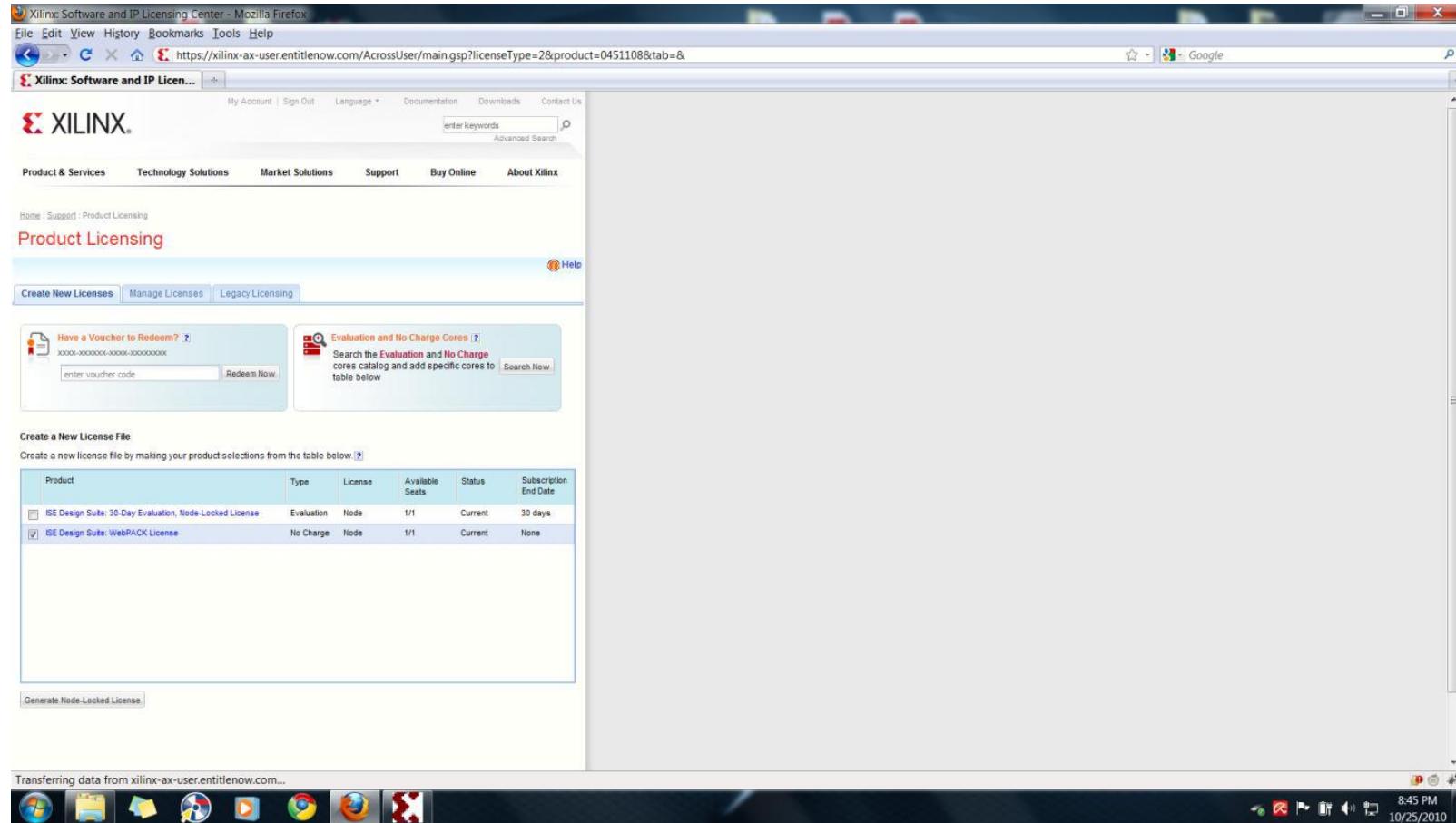
A.23) Your browser will pop up automatically and then you need to login with your Xilinx account. If you don't have a Xilinx account then click on create account and create an account. You can do it on your own.



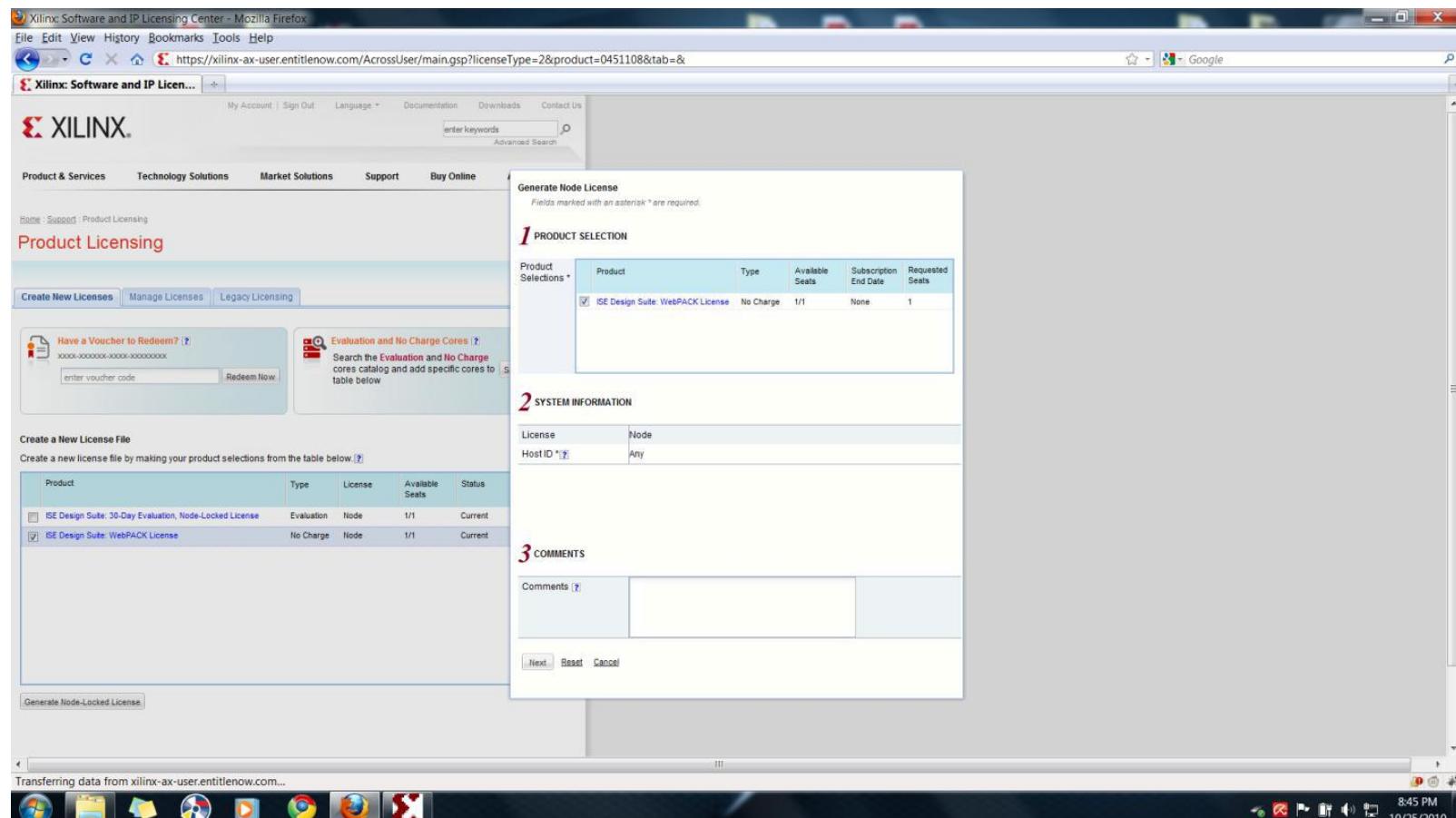
A.24) Click on the Next button.



A.25) Click Select ISE Design Suite Webpack License and click on “Generate Node-Locked License”.

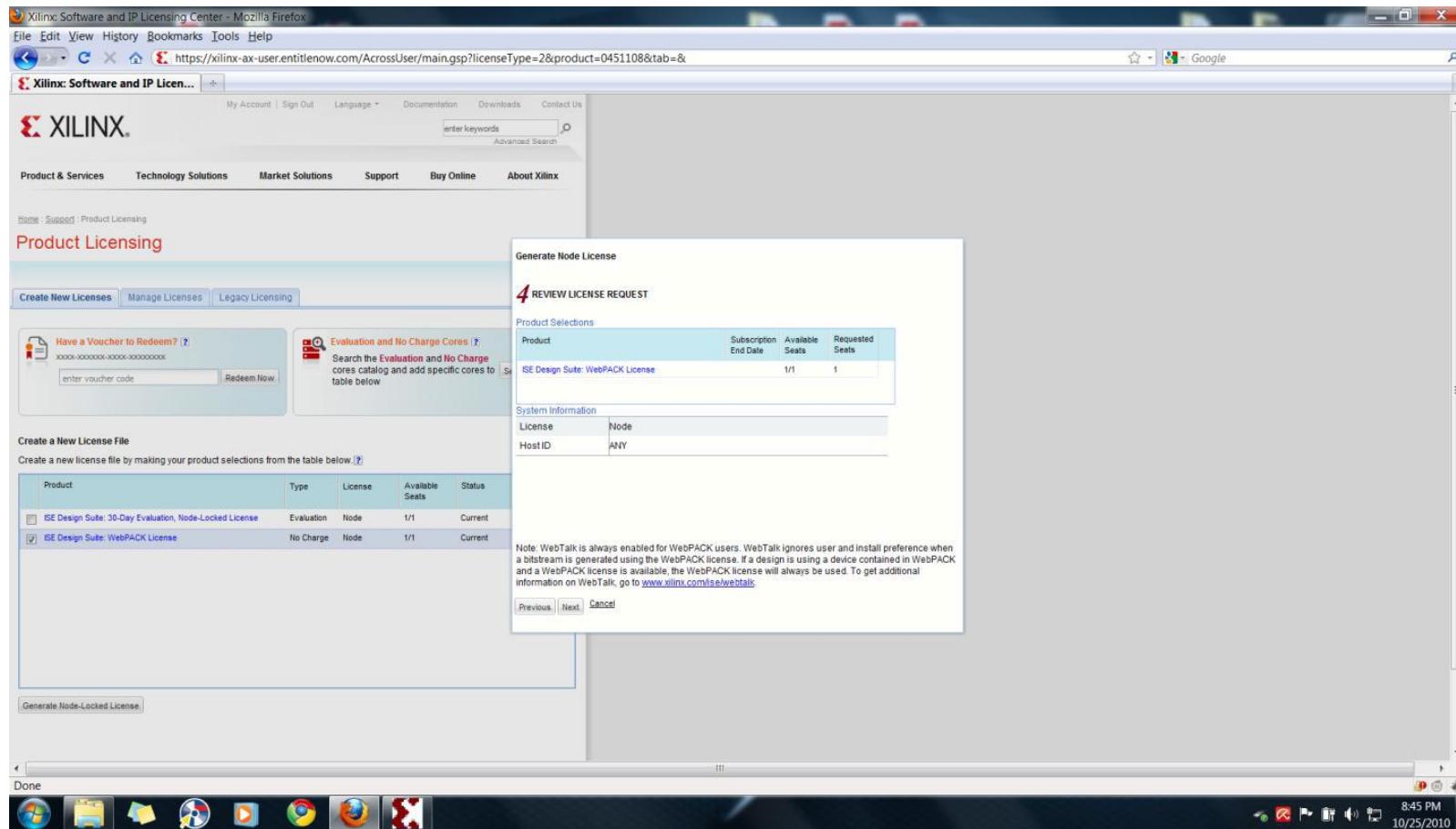


A.26) Click Next.

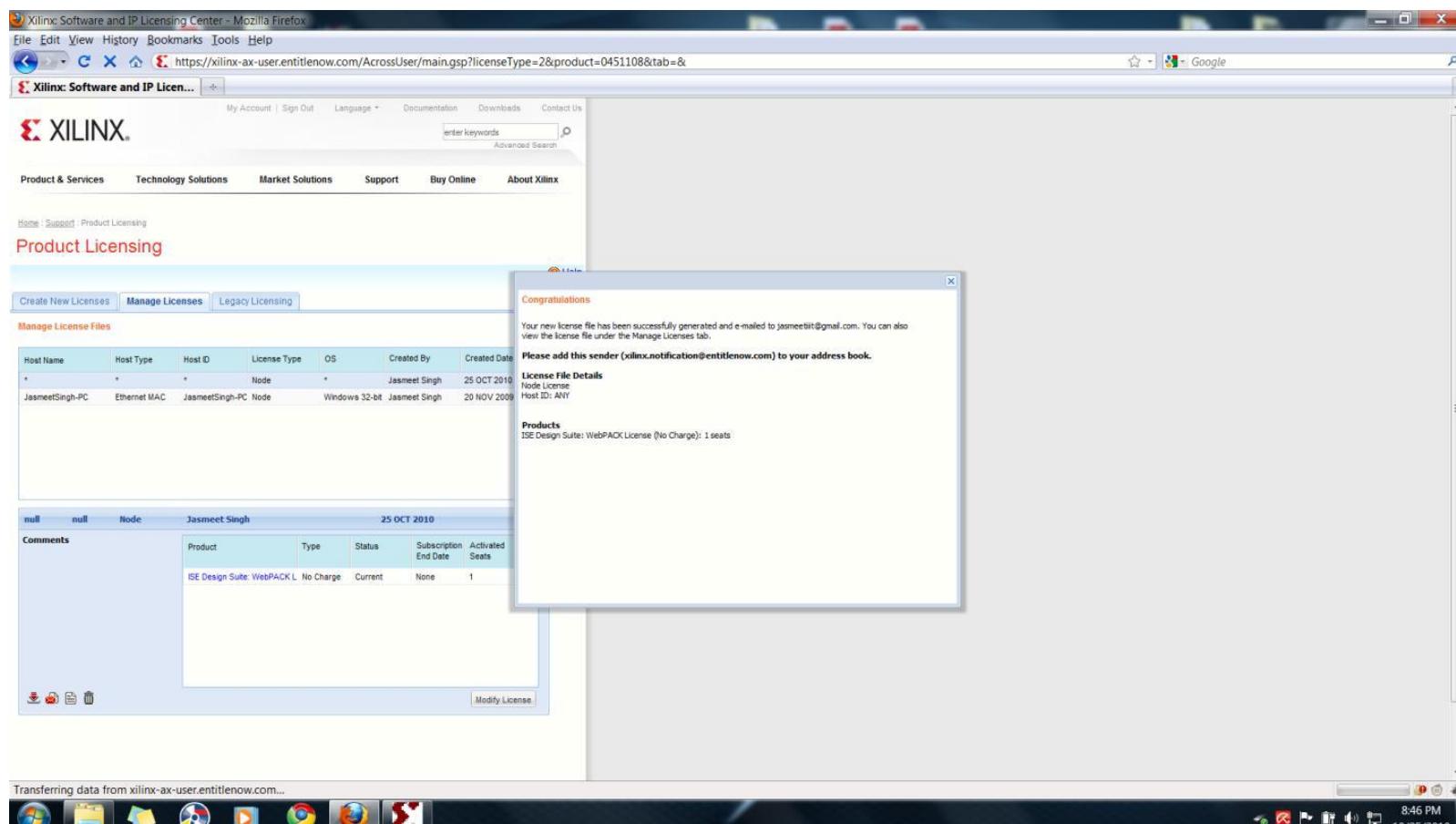


## 14 Installation Instructions

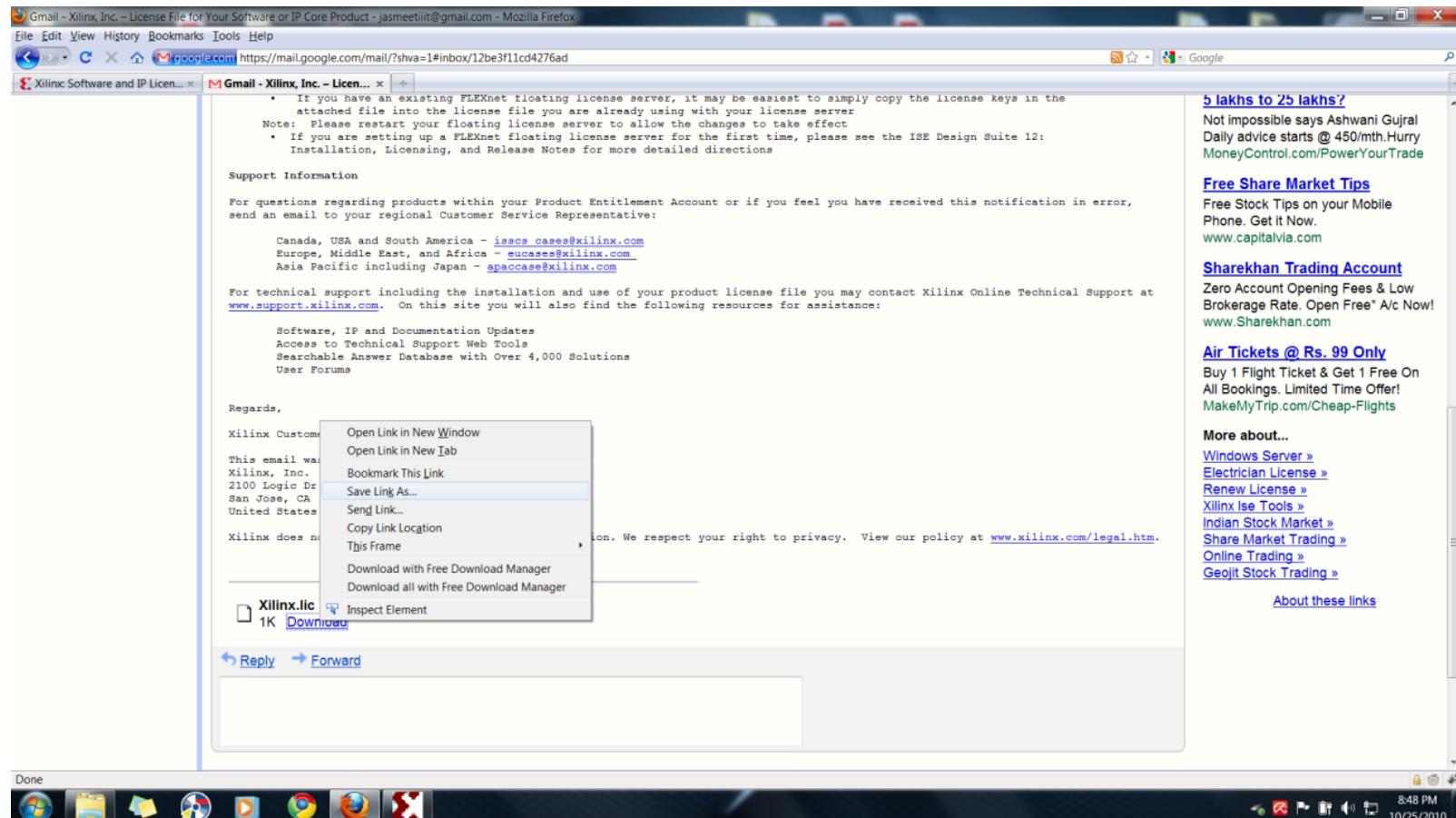
A.27) Click Next.



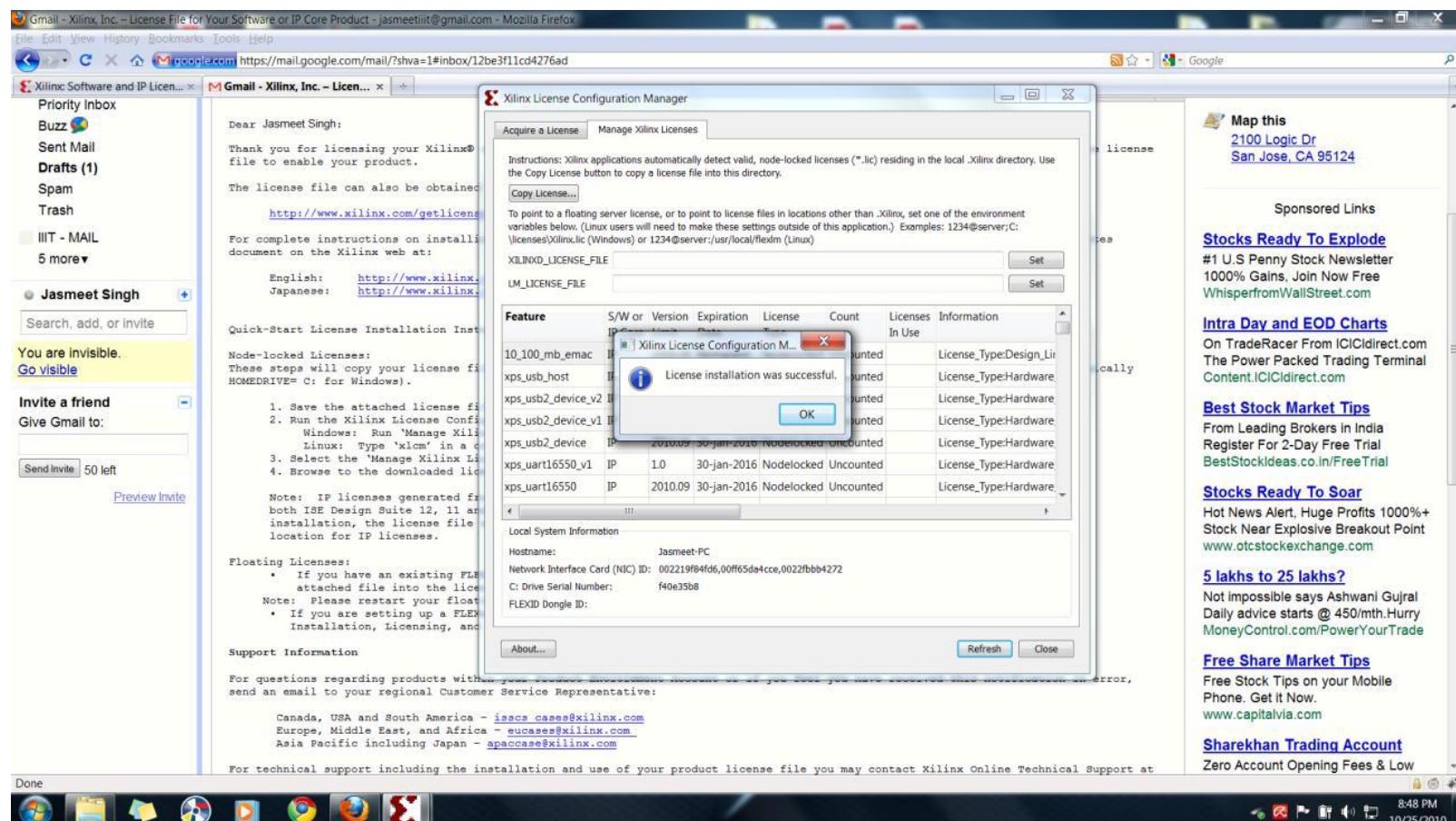
A.28) You will receive the license file on your email id that you filled in your account information and the following screen will appear.



A.29) Open your mail account and download the Xilinx.lic file from the attachment to your desired folder.



A.30) Then install the license file by clicking on “Copy License” in Manage Xilinx Licenses tab. Browse to the license file and proceed. You will get an alert box saying “License installation was successful” .

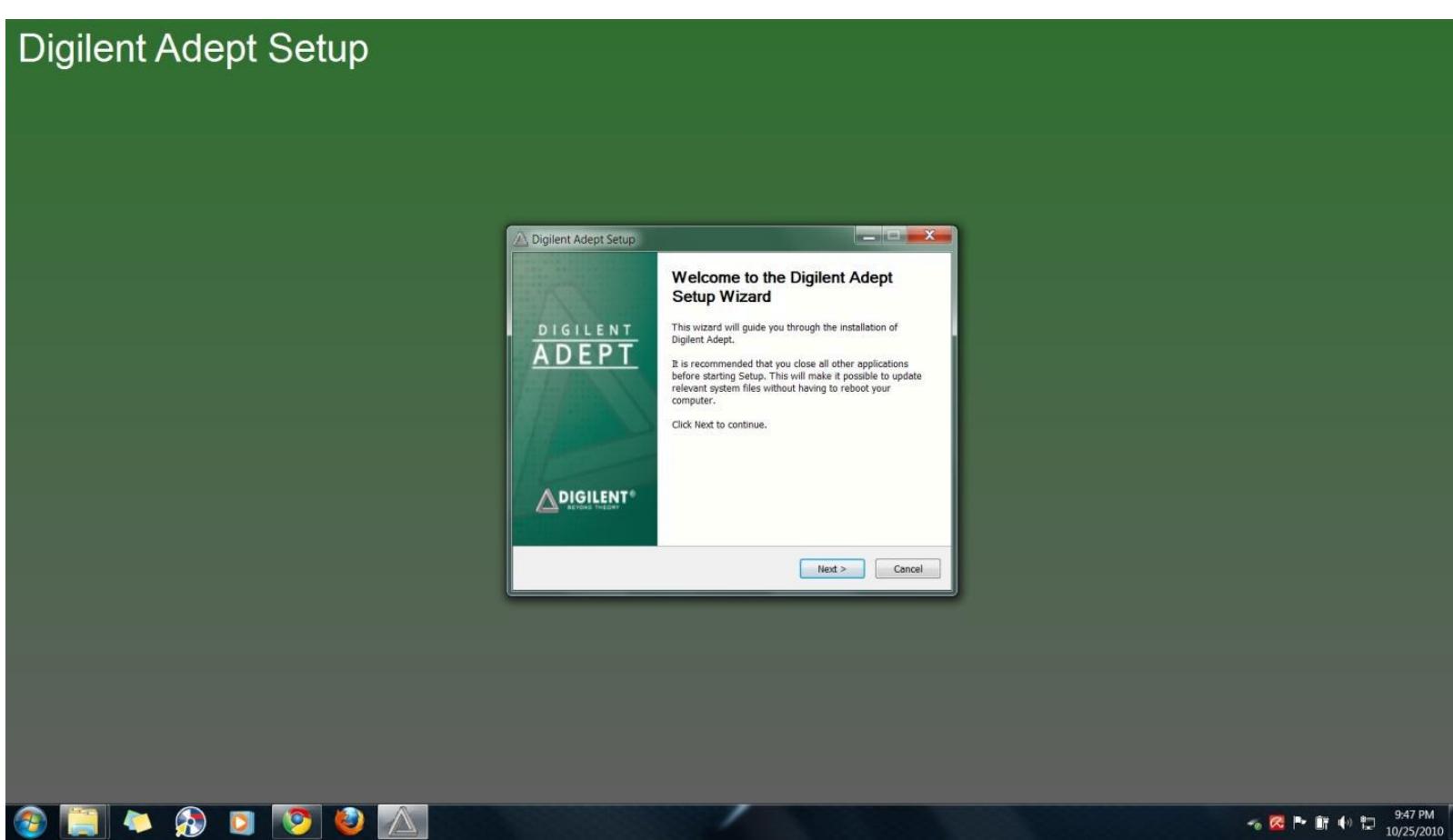


## B) Digilent Adept Tool for Windows (for both 32-bit and 64-bit OS)

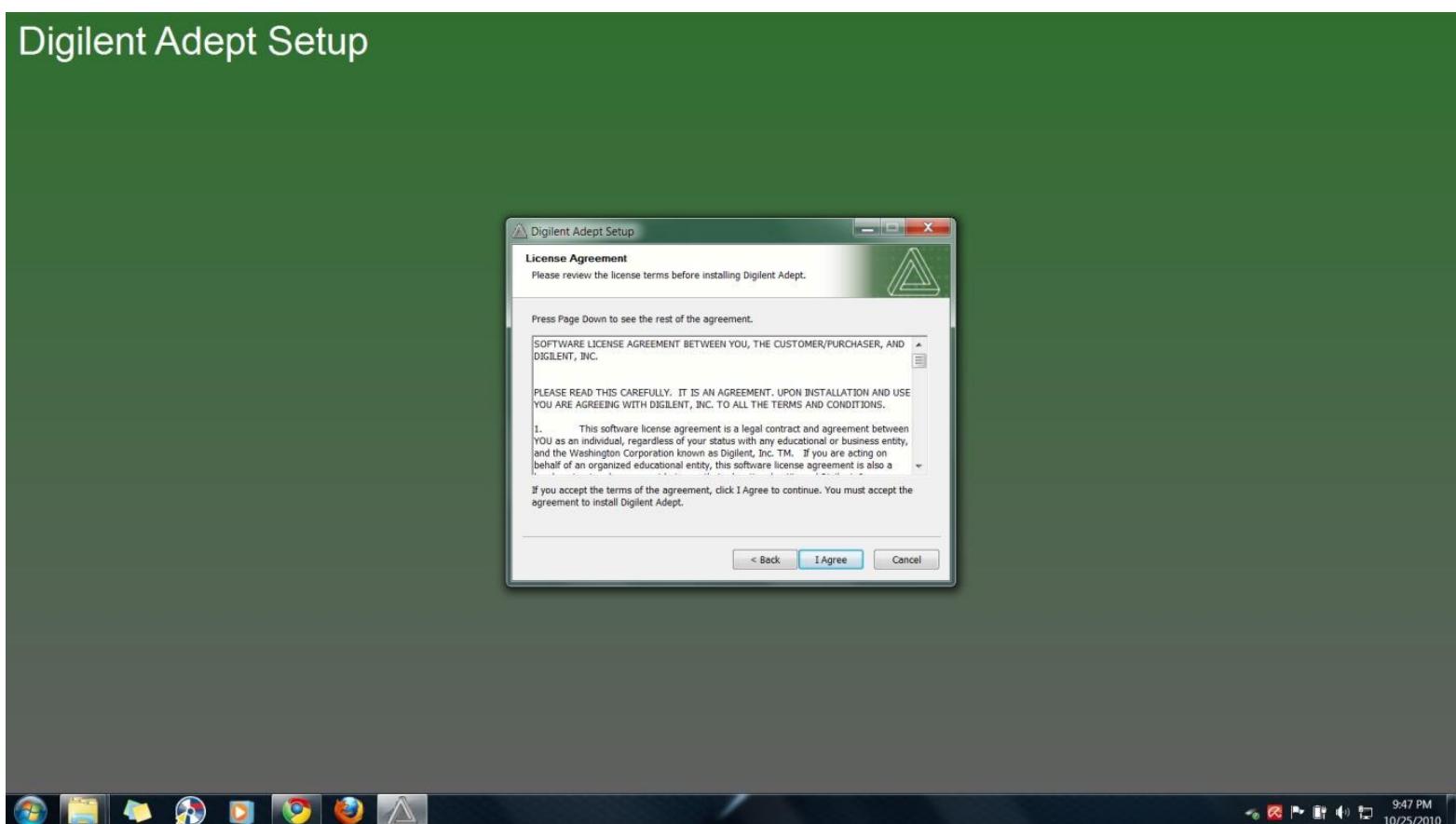
**NOTE: You must be connected to Internet for successful installation.**

B.1) Download the `digilent.adapt.system_v2.6.1.exe` file from <ftp://10.1.33.7> (or <http://10.1.33.7>) and save it in your desired folder and start the setup file. Click next. Rest of the steps are obvious and you can do them on your own.

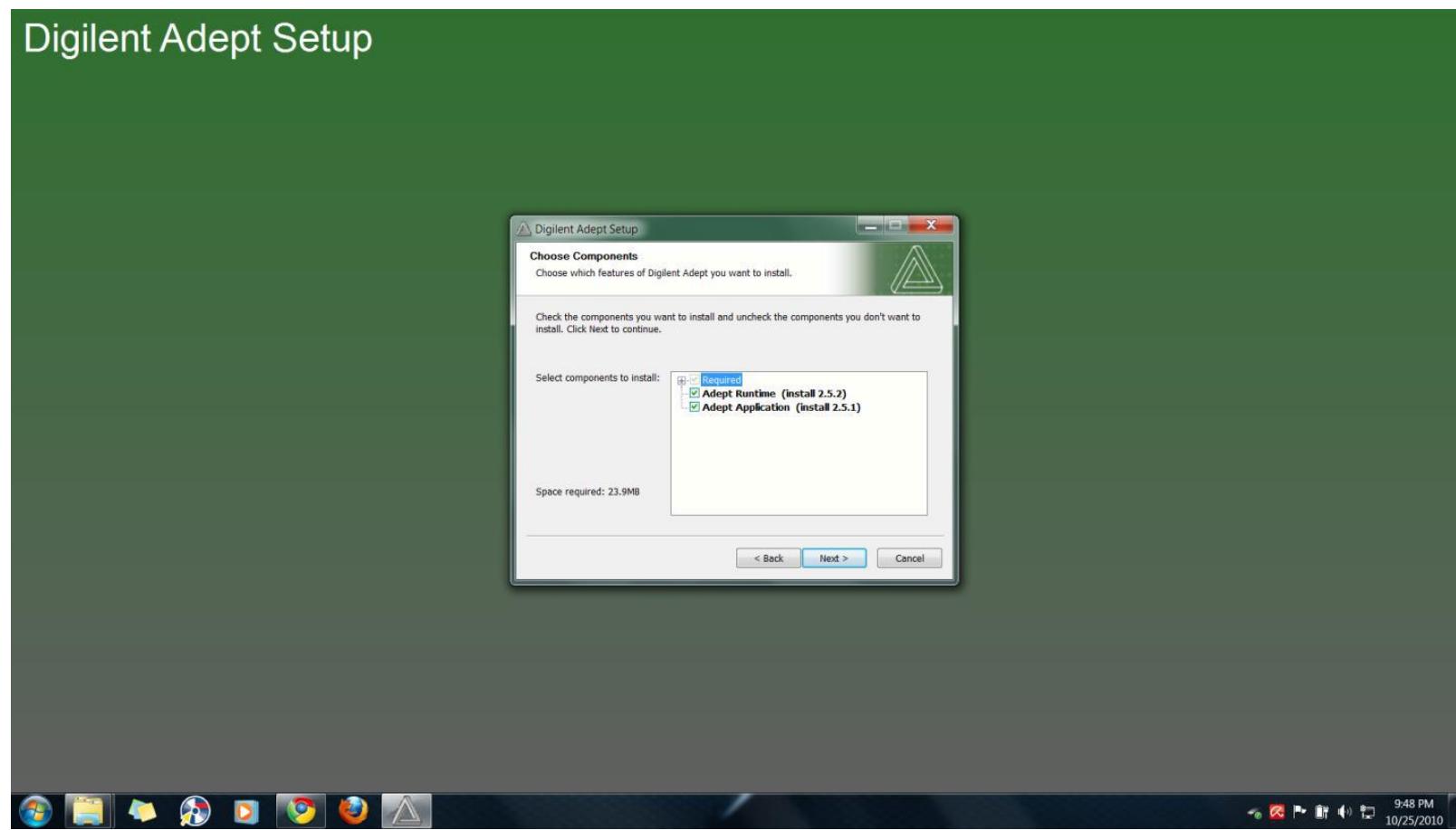
### Digilent Adept Setup



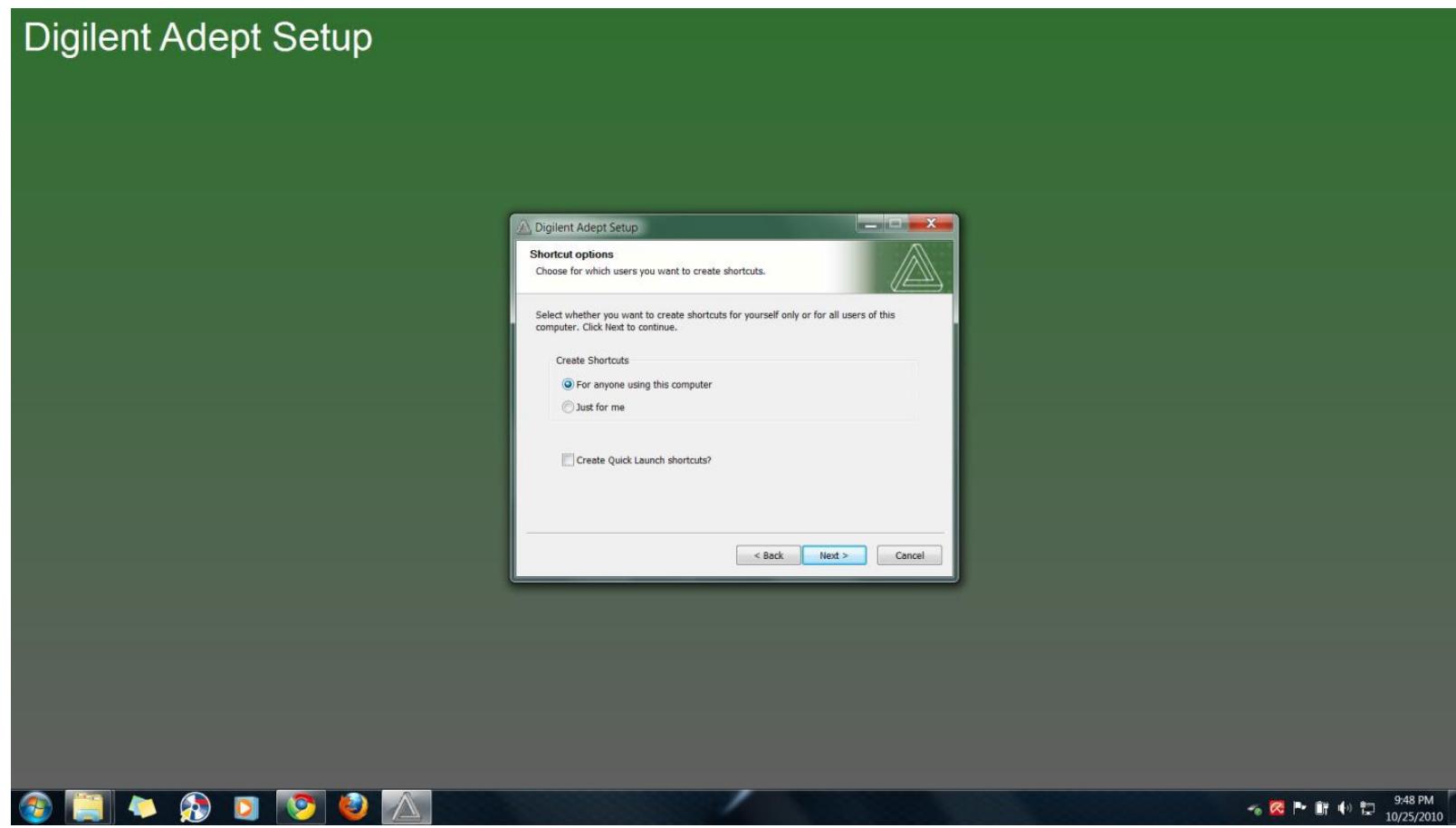
B.2)



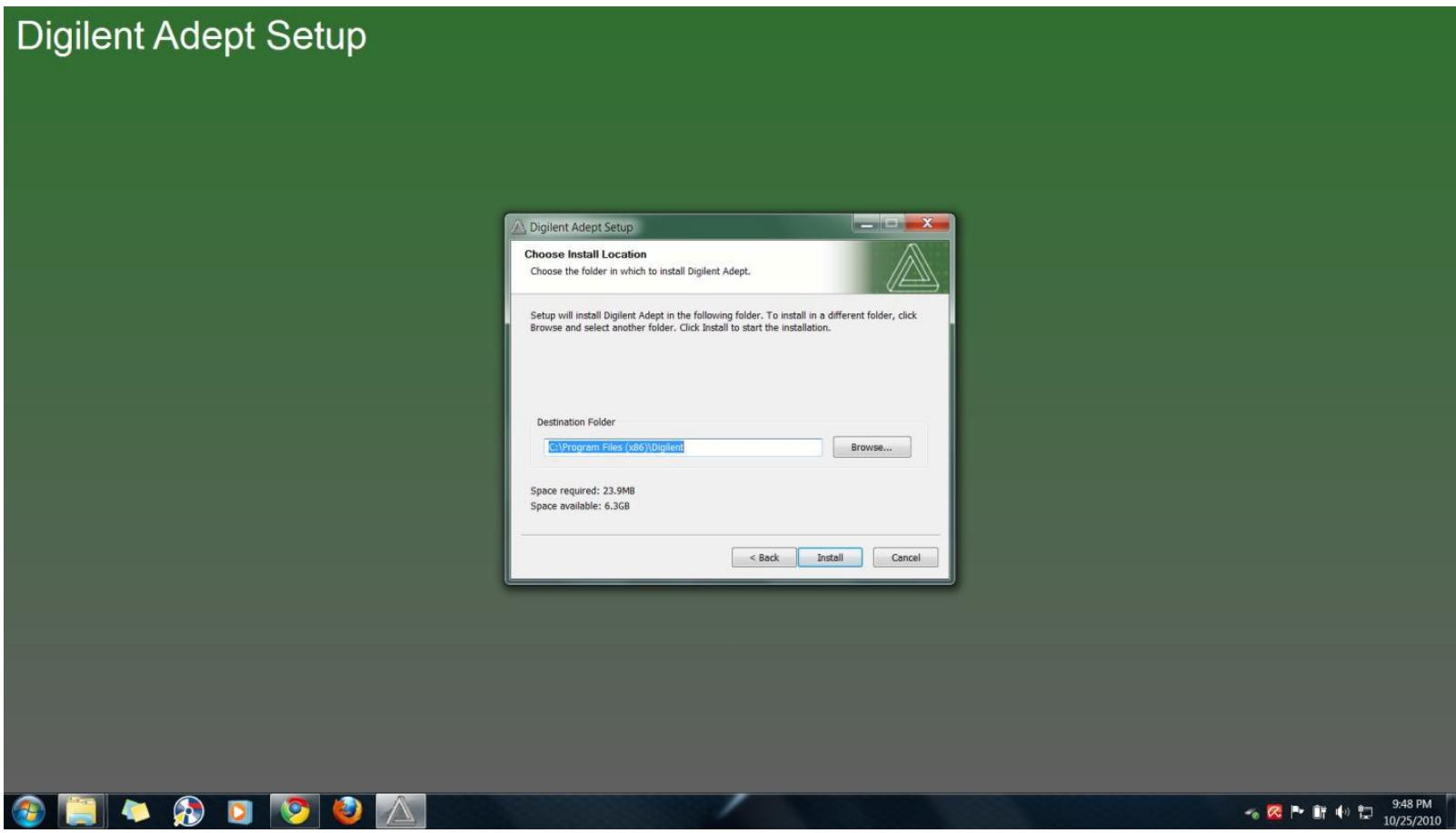
B.3)



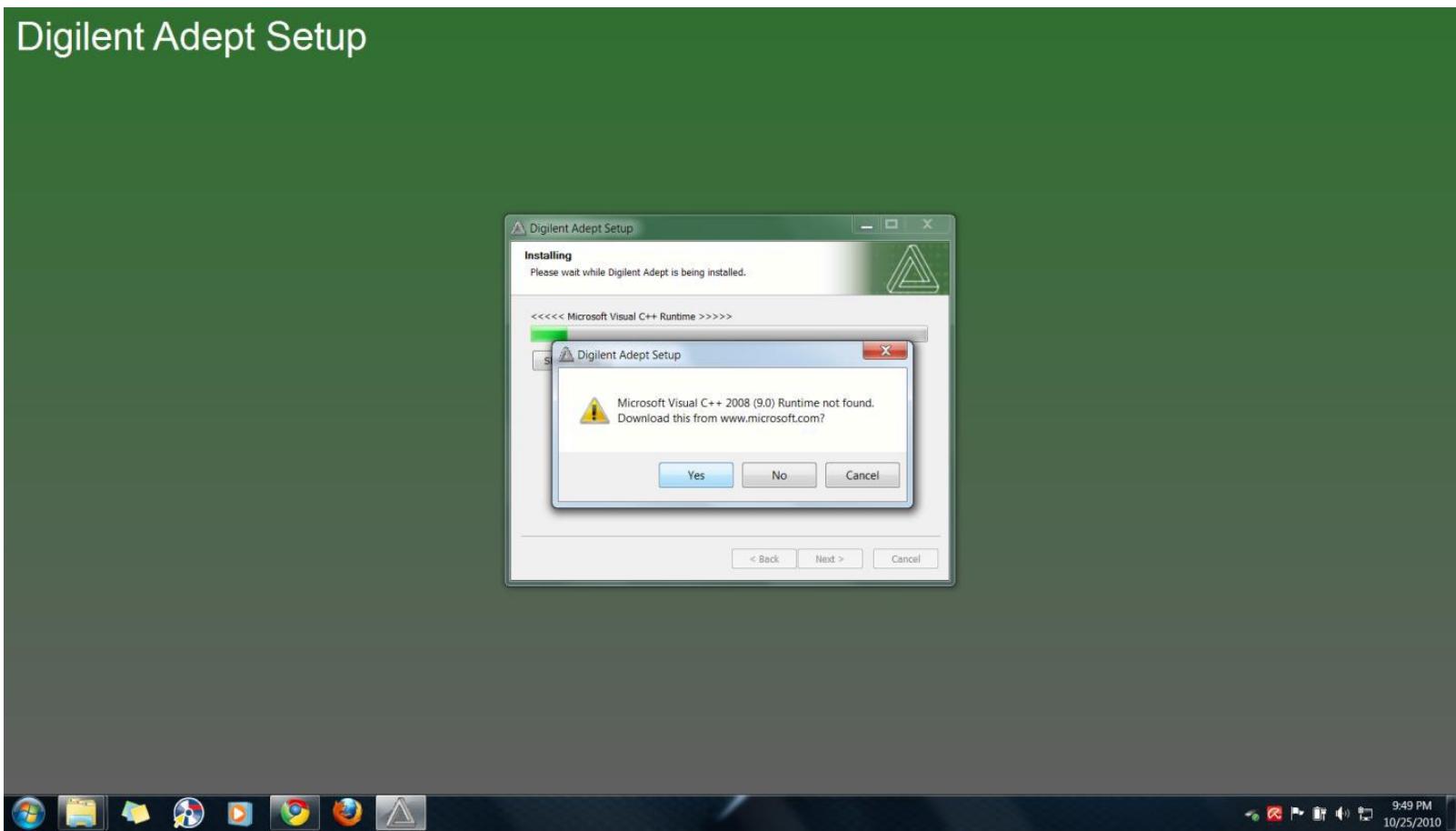
B.4)



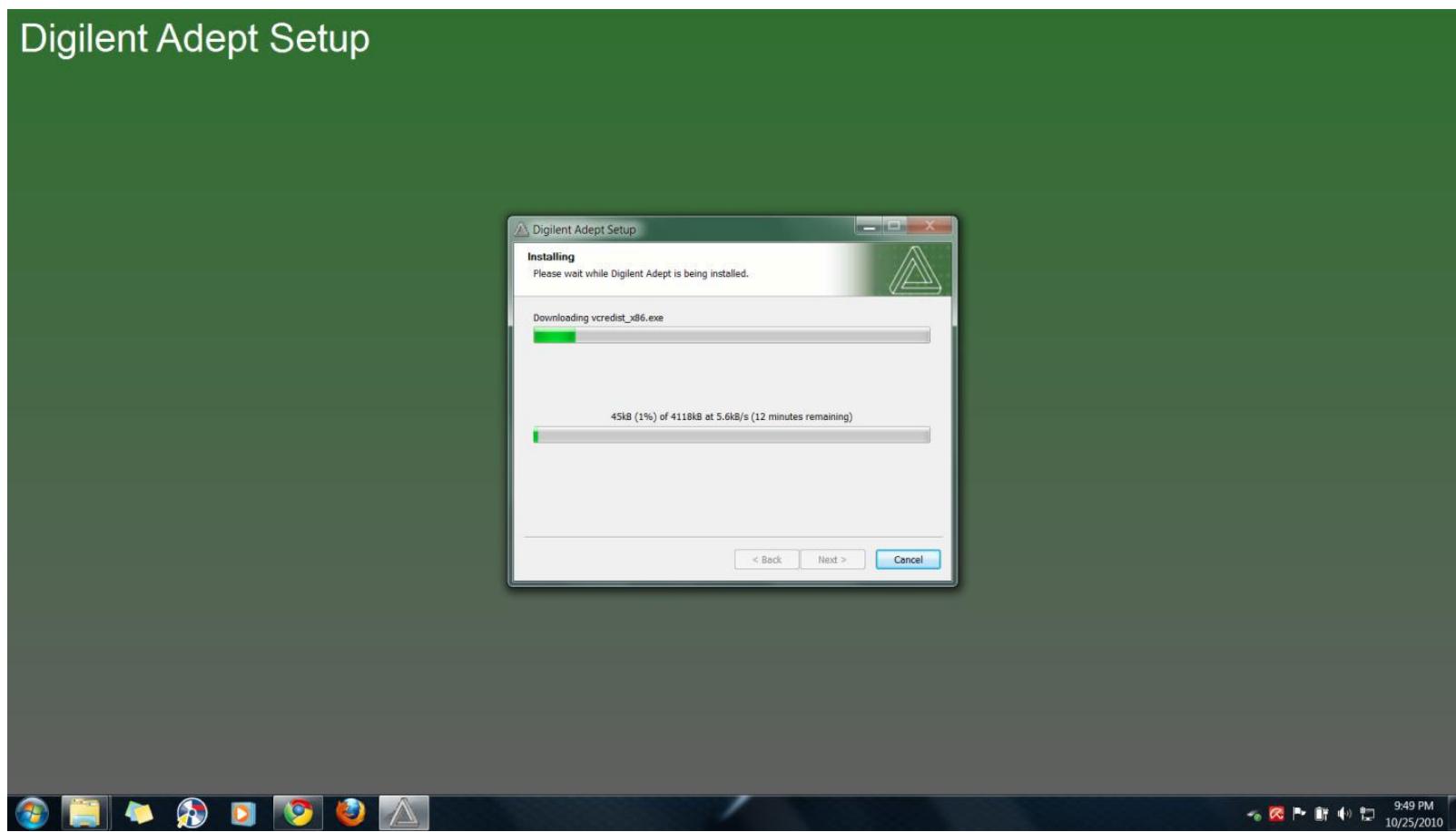
B.5)



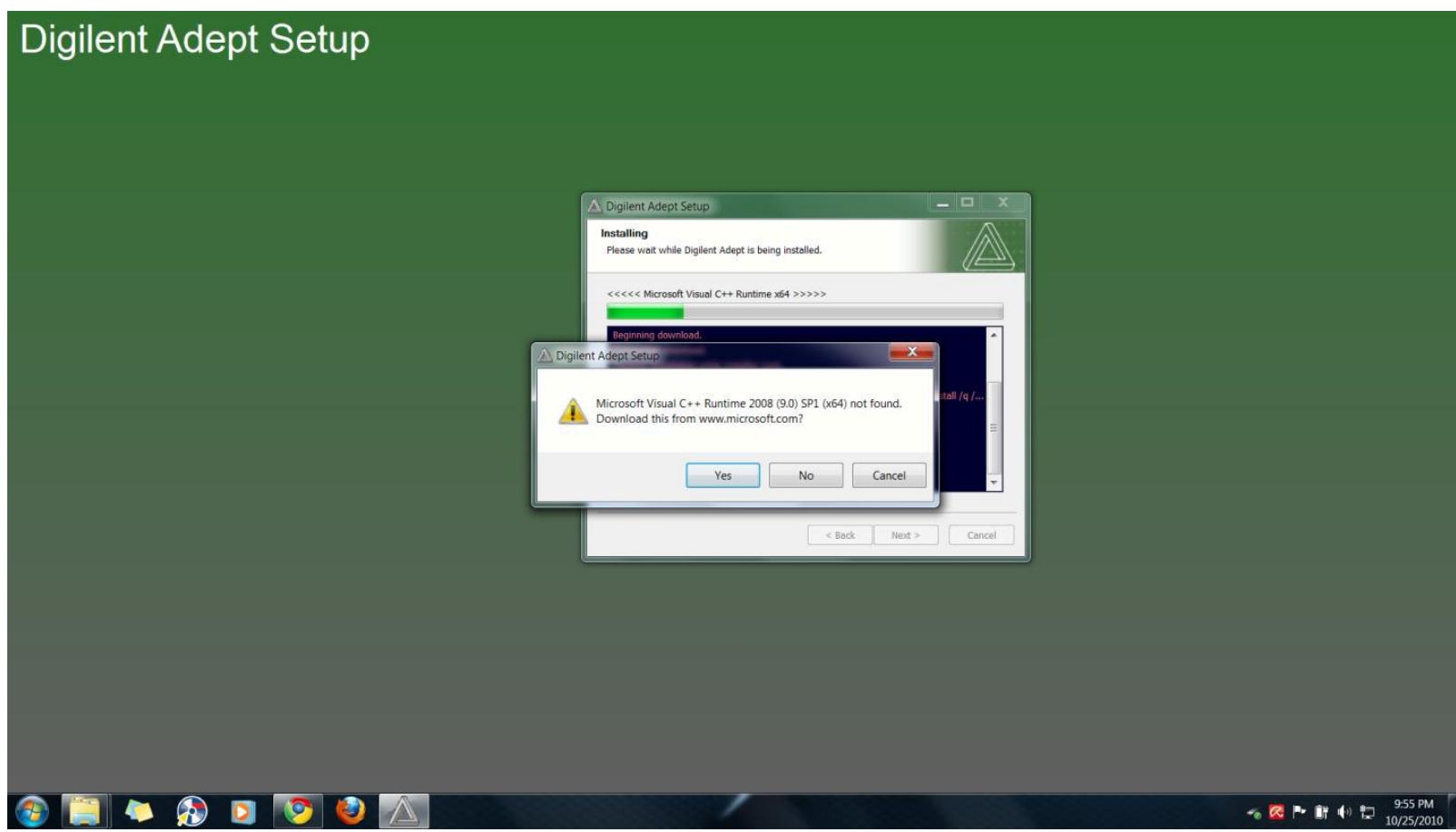
B.6)The setup requires Ms Visual C++ Runtime. If it is not present, click on Yes to automatically download it from Microsoft website.



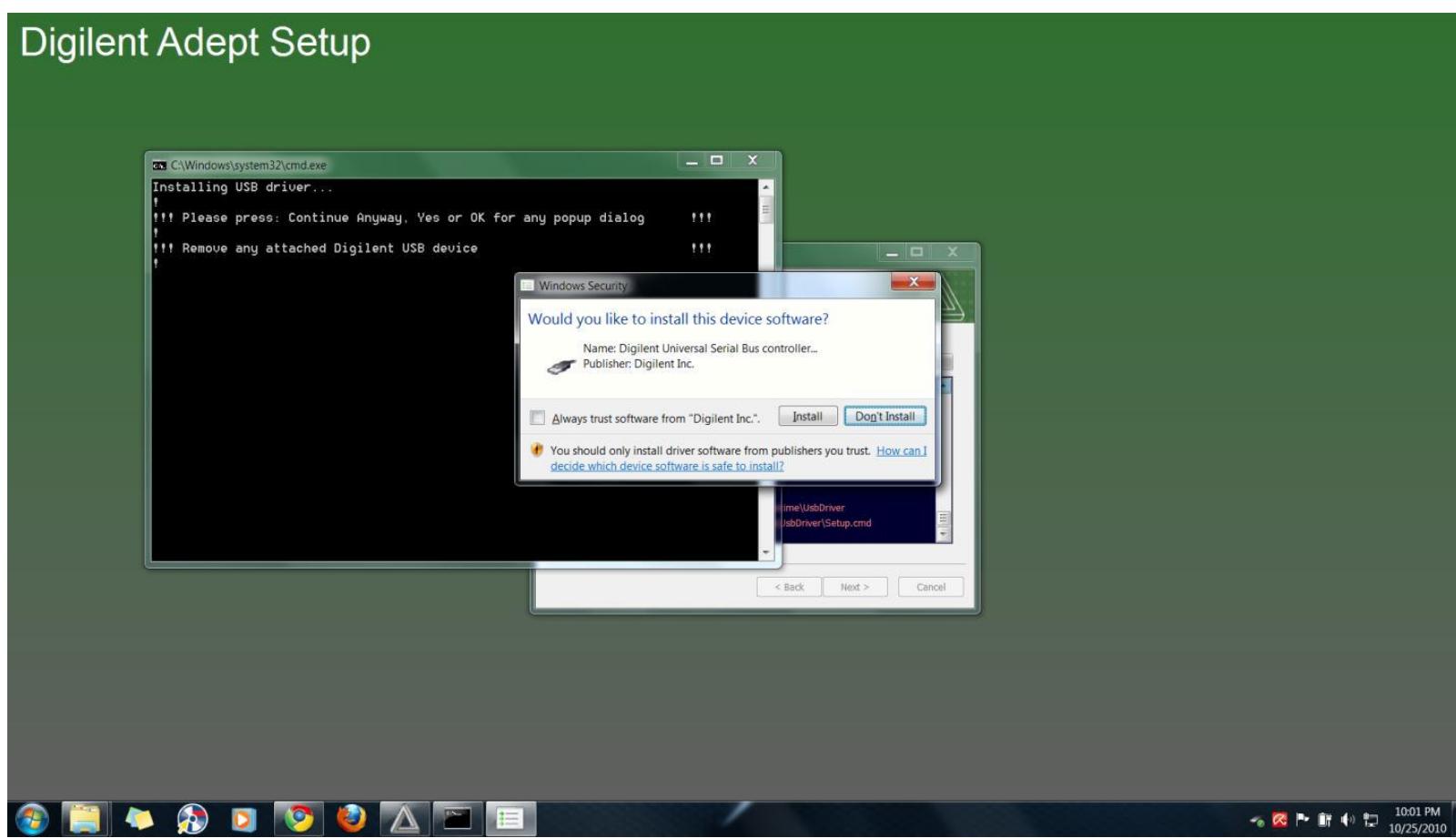
B.7)Wait while it is getting downloaded from Internet.



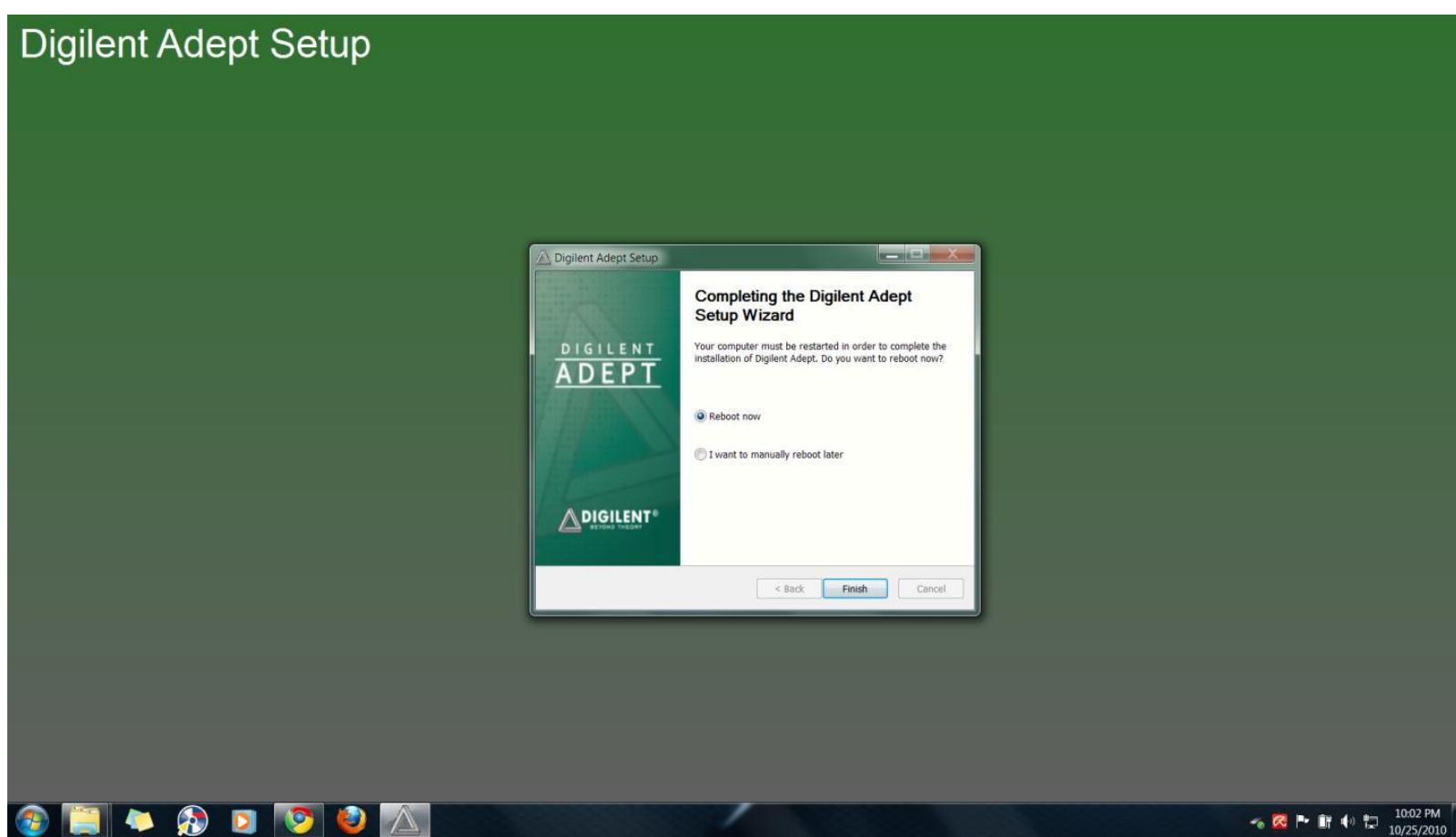
B.8)If you have 64 bit OS you will also require Visual C++ 64 bit version. Click on Yes to automatically download and install.



B.9)A pop-up will come up. Simply click on “Install” to proceed.



B.10)Reboot your computer after the setup.



Thank You