Eclipse AVR Environment Setup

1-Downloading Eclipse IDE:

X86 OS:

https://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/release/mars/2/eclipse-cpp-mars-2-win32.zip

X64 OS:

https://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/release/mars/2/eclipse-cpp-mars-2-win32-x86_64.zip

2-Downloading & Install JRE:

X86 OS:

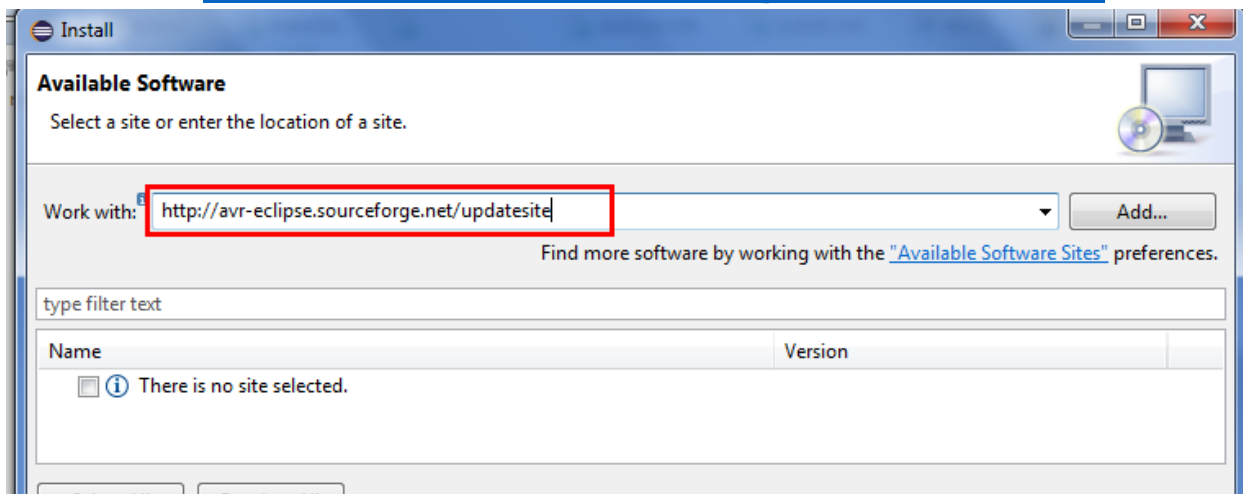https://download.oracle.com/otn/java/jdk/8u271-b09/61ae65e088624f5aaa0b1d2d801acb16/jre-8u271-windows-i586.exe

X64 OS:

https://download.oracle.com/otn/java/jdk/8u271-b09/61ae65e088624f5aaa0b1d2d801acb16/jre-8u271-windows-x64.exe
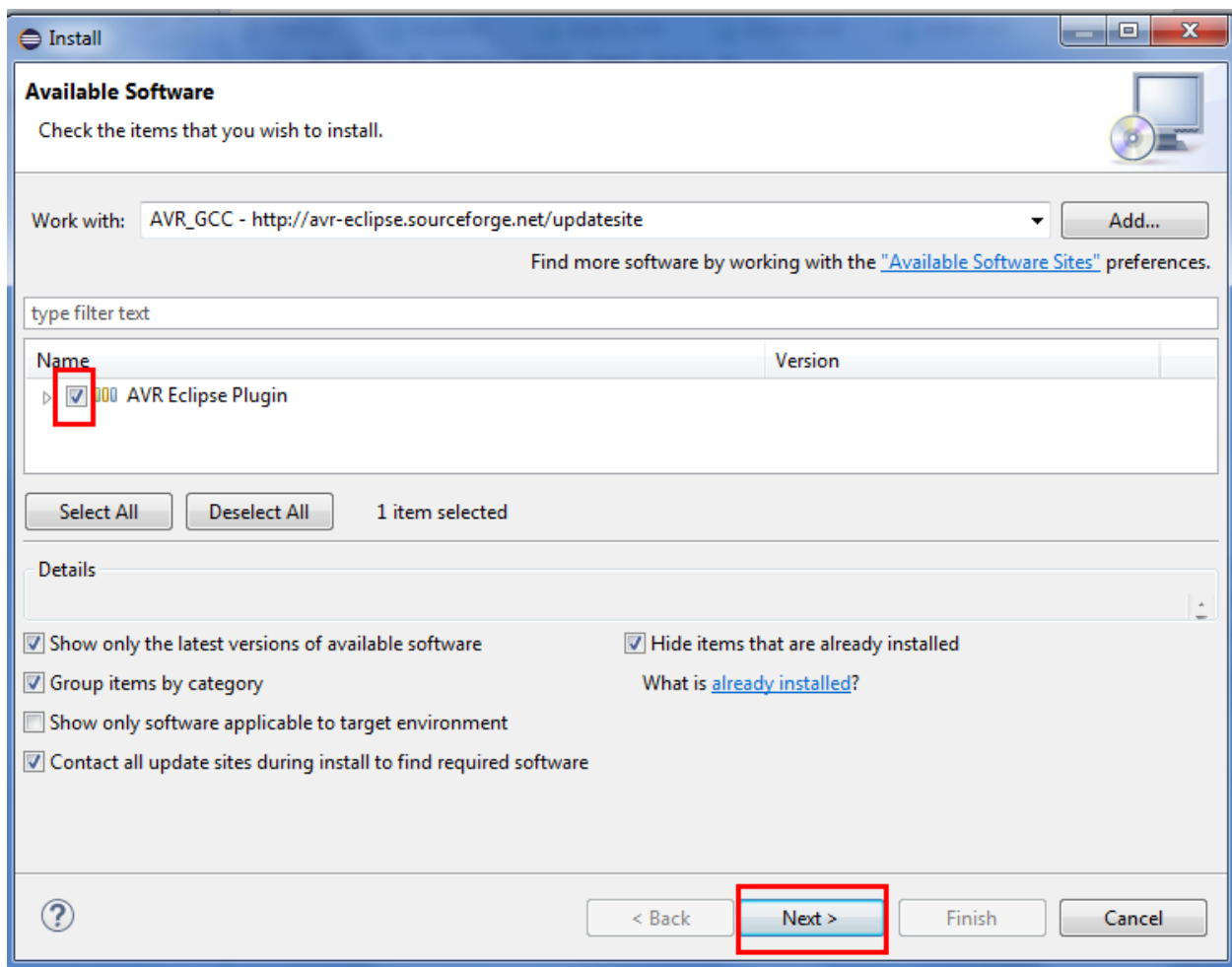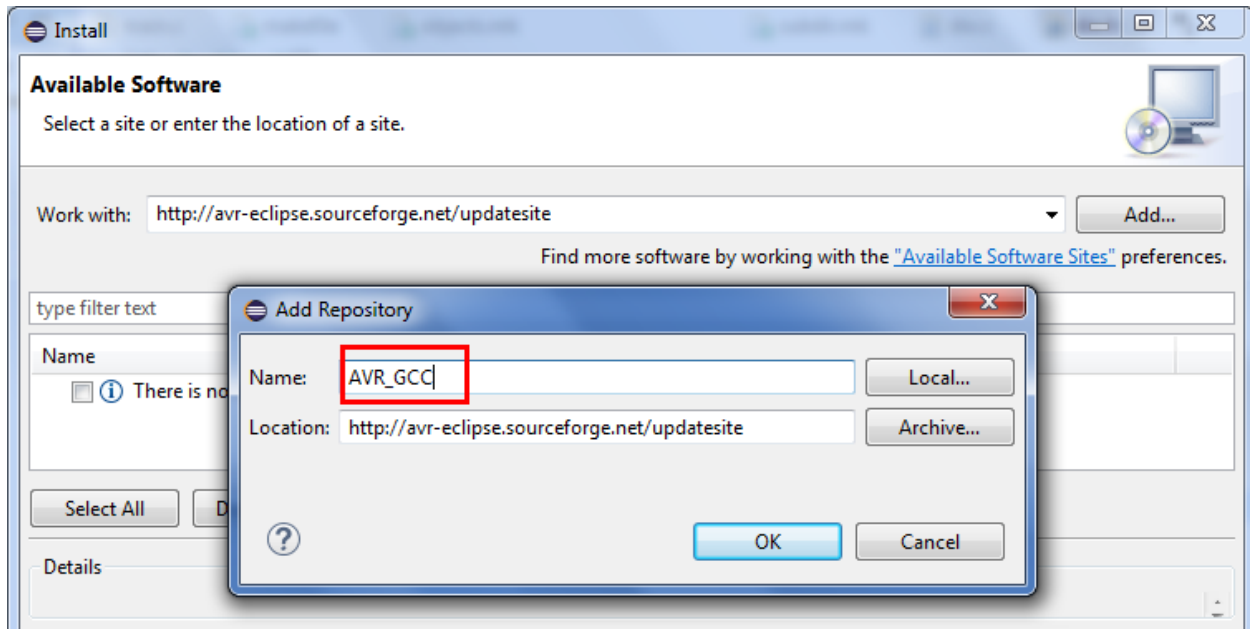

3-Install GCC Plugin For Eclipse:
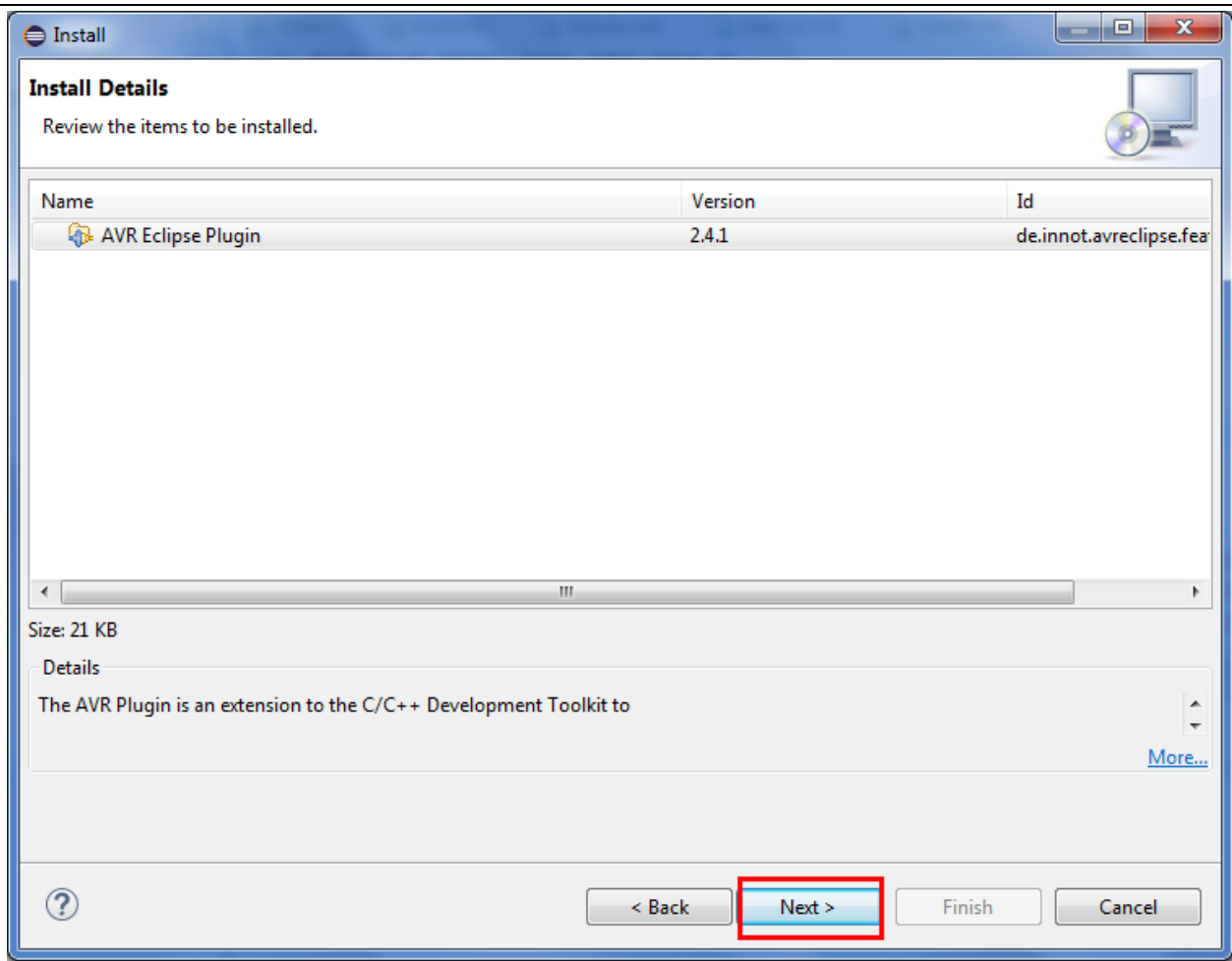
In eclipse Help -> Install New Software.
Paste URL: http://avr-eclipse.sourceforge.net/updatesite

Press Add…

Choose Name ex AVR_GCC

Install

Available Software

Select a site or enter the location of a site.

Work with: http://avr-eclipse.sourceforge.net/updatesite   Add...

Find more software by working with the "Available Software Sites" preferences.

type filter text

Name

☐ ⓘ There is no

Add Repository

Name: AVR_GCC   Local...

Location: http://avr-eclipse.sourceforge.net/updatesite   Archive...

⓪   OK   Cancel

Select All   D

Details

Install

Available Software

Check the items that you wish to install.

Work with: AVR_GCC - http://avr-eclipse.sourceforge.net/updatesite   Add...

Find more software by working with the "Available Software Sites" preferences.

type filter text

Name	Version
☑ 000 AVR Eclipse Plugin	

Select All   Deselect All   1 item selected

Details

☑ Show only the latest versions of available software   ☑ Hide items that are already installed
☑ Group items by category   What is already installed?
☐ Show only software applicable to target environment
☑ Contact all update sites during install to find required software

⓪   < Back   Next >   Finish   Cancel

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4-Download & Install WinAVR Libraries:

https://sourceforge.net/projects/winavr/files/latest/download

5-Setup USB asp :

Right click project -> properties -> AVR -> AVR dude.

Install USB asp driver.