Steps to install NetBeans for Windows

- **Install JAVA**
  - Delete old installed JDK / JAVA in system
  - Download ***Windows x64 Installer*** from
    https://www.oracle.com/java/technologies/javase/jdk17-archive-downloads.html
  - Install JDK
  - Add Environment system variable Path of bin folder in Path (C:\Program Files\Java\jdk-17.0.5\bin)
  - Add New JAVA_HOME environment variable with Path of JDK folder installed (C:\Program Files\Java\jdk-17.0.5)
  - Check whether JAVA is installed or not in CMD

- **Install APACHE NetBeans**
  - Download Apache NetBeans 13 from
    https://www.apache.org/dyn/closer.cgi/netbeans/netbeans-installers/13/Apache-NetBeans-13-bin-windows-x64.exe

- **INSTALL and ADD APACHE TOMCAT server to NetBeans**
  - Download Apache Tomcat 64-bit Windows zip (pgp, sha512) from https://tomcat.apache.org/download-90.cgi
  - Unzip file in Local Disk
  - Open C:\apache-tomcat-9.0.69\conf\tomcat-users.xml XML Document file in notepad
  - Go to end of the file

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- ○ Remove comment of role tag and add

  <role rolename="tomcat"/>
     <role rolename="role1"/>
     <user password="tomcat" roles="tomcat" username="tomcat"/>
     <user password="tomcat&gt;" roles="tomcat,role1" username="both"/>
     <user password="tomcat" roles="role1" username="role1"/>
     <user password="admin" roles="manager-script,admin" username="admin"/>

- ○ Save file
- ○ Open NetBeans
- ○ Go to Tools > Servers and Add server with port no. 9393 (You can use any port number which is not being used already)
- ○ Set Username and password
- ○ **Now you are ready to use NetBeans with tomcat server!!**

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