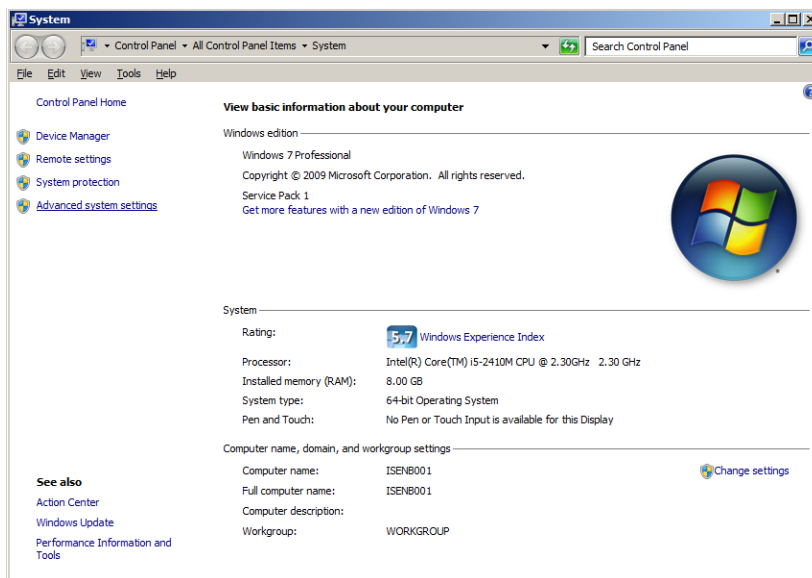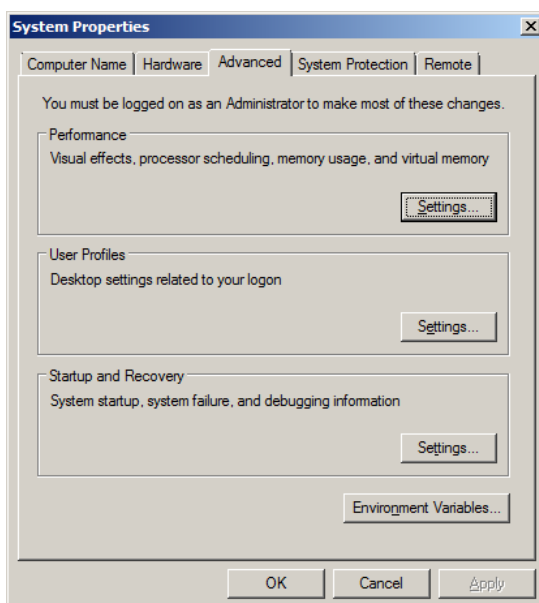# Installing rJava

❖ Before installing rJava in R, we need to install Java Development Kit and set environment variables.

❖ After installing JDK, below are the steps to set environment variables in Windows. In this document we installed jdk1.8.0_11 this includes jre also.

❖ Depending on Java version which you installed the paths may change.

- Open the windows explorer and move to Java installed directory. In my case it is **C:\Program Files\Java\jdk1.8.0_11**
- Copy the Path of **jdk**.
- **Right click** on **Computer** Icon and go to **Properties** to open **System** Window as shown in the below image.
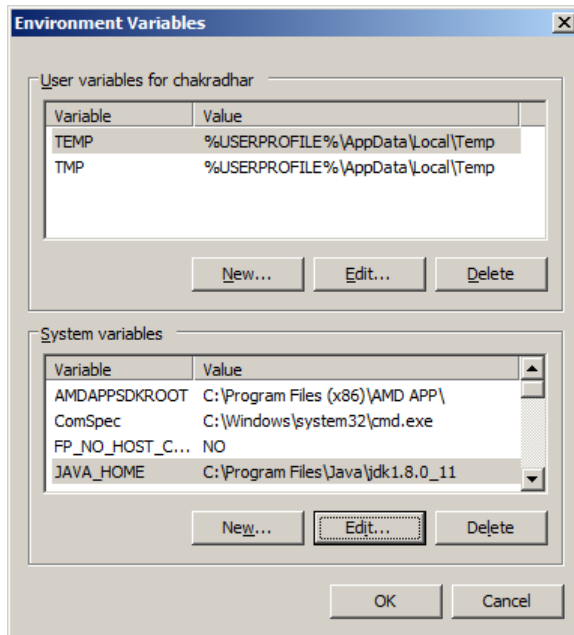

- Click on **Advanced System Settings** in the left side Dashboard to open **System Properties** Window as shown in the below image.
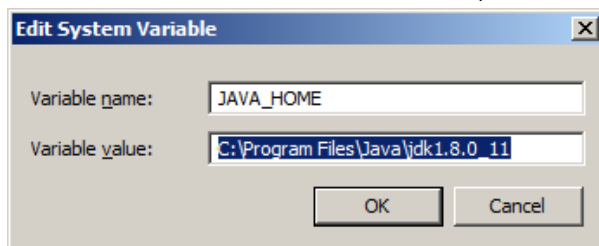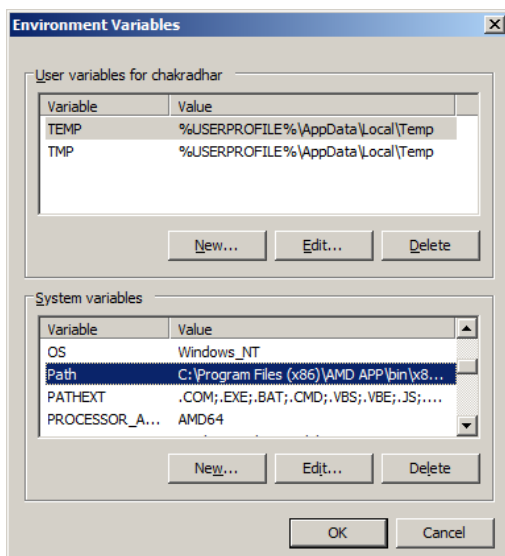
Installing rJava

- In the **System Properties** window click on **Environment Variables** button under **Advanced** Tab to open **Environment Variable** Window as shown in the below Image

- In **Environment Variables** window, Click on **New** under **System Variables** section and enter the **JAVA_HOME** in **Variable Name** text box and paste the path of Java Directory in the **Variable Value** text box and click on **OK**, as shown in the below image.

- Select the **Path** Variable in the System Variables list and click on **Edit,** as shown in the below image

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- Copy the below given Paths of the Java sub-directories and paste in the Path Variable Value at the end of the existing value followed by **semicolon(;)** for every entry and click on **OK >> OK >> OK** to save and close all the windows. As shown in the below image.

  Note: Path of the Java directory may change depending on your Java Installation.
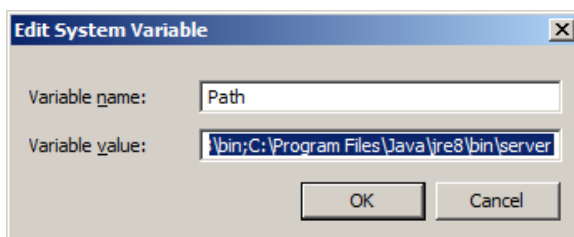   **Also Please don't delete the existing entries in the Path Value.**

  Paths:

  C:\Program Files\Java\jre8\bin

  C:\Program Files\Java\jre8\bin\server

  C:\Program Files\Java\jdk1.8.0_11\bin

- Now Open Rstudio and install rJava

  > install.packages("rJava")