What is the difference between a JDK and a JRE?

"JRE" – for users. Java Runtime Environment. An implementation of the Java Virtual Machine which executes Java programs.

"JDK"- for developers. Java Development Kit, used to develop Java based software. Contains JRE(s), compiler, debuggers, dev libraries etc. You need a JDK to compile

Where are they located? (windows command line demo)

```
C:\Users\Perkins>java -version
java version "1.7.0_51"
Java(TM) SE Runtime Environment (build 1.7.0_51-b13)
Java HotSpot(TM) 64-Bit Server VM (build 24.51-b03, mixed mode)

C:\Users\Perkins>where java
C:\Windows\System32\java.exe
C:\Program Files\Java\jdk1.7.0_51\bin\java.exe
```

From http://www.java-tips.org/java-se-tips/java.lang/what-is-the-difference-between-jdk-and-jre.html