**what is reflection in java?**

Reflection is a feature in the Java programming language. It **allows an executing Java program to examine or "introspect" upon itself, and manipulate internal properties of the program**. For example, it's possible for a Java class to obtain the names of all its members and display them.

Java Reflection API

**Java Reflection** is a *process of examining or modifying the run time behavior of a class at run time*.

The **java.lang.Class** class provides many methods that can be used to get metadata, examine and change the run time behavior of a class.

The java.lang and java.lang.reflect packages provide classes for java reflection.

Where it is used

The Reflection API is mainly used in: