**What is JSF?**

JavaServer Faces (JSF) is a MVC web framework that simplifies the construction of user interfaces (UI) for server-based applications by using reusable UI components in a page

**Benefits**

1. providing reusable UI components
2. making easy data transfer between UI components
3. managing UI state across multiple server requests
4. enabling implementation of custom components
5. wiring client side event to server side application code

**JSF provides**

1. Core library
2. A set of base UI components - standard HTML input elements
3. Extension of the base UI components to create additional UI component libraries or to extend existing components.
4. Multiple rendering capabilities that enable JSF UI components to render themselves differently depending on the client types

**System Requirement**

JSF requires JDK 1.5 or higher so the very first requirement is to have JDK installed in your machine.

**Step 1 - Verify Java installation on your machine**

c:\> javac -version :- provides only java version

c:\> java -version :- provides version , runtime envt.

**Step 2 - Setup Java Development Kit (JDK):**

Set the environment variable JAVA\_HOME to C:\Program Files\Java\jdk1.6.0\_21

**Step 3 - Setup Eclipse IDE**

**Step 4 - Set Maven environment**

**Step 5 - Setup Apache Tomcat**