**Life cycle of Servlet**

1. Servlet class is loaded. (Includes Compilation)
2. Servlet instance is created. (Object Creation)
3. init method is invoked. (called only Once)
4. service method is invoked. (doGet or doPost) (Called per request)
5. destroy method is invoked.(called only once)

**Step 1 : web.xml**

<?xml version="1.0" encoding="ISO-8859-1"?>

<web-app>

<servlet>

<servlet-name>second</servlet-name>

<servlet-class>ServletLifeCycle</servlet-class>

<load-on-startup>1</load-on-startup>

</servlet>

<servlet-mapping>

<servlet-name>second</servlet-name>

<url-pattern>/lifecycle</url-pattern>

</servlet-mapping>

</web-app>

**Step 2 : ServletLifeCycle.java**

import javax.servlet.ServletConfig;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class ServletLifeCycle extends HttpServlet {

public ServletLifeCycle(){

System.out.println("constructor");

}

@Override

public void init(ServletConfig config) throws ServletException {

// TODO Auto-generated method stub

super.init(config);

System.out.println("inside init method");

}

@Override

protected void doGet(HttpServletRequest req, HttpServletResponse resp) throws ServletException, IOException {

// TODO Auto-generated method stub

super.doGet(req, resp);

System.out.println("inside doget");

}

@Override

public void destroy() {

// TODO Auto-generated method stub

System.out.println("destroy");

super.destroy();

System.out.println("destroy");

}

}

[**http://localhost:8080/ServletLifeCycle/lifecycle**](http://localhost:8080/ServletLifeCycle/lifecycle) **-**

**Call this link multiple times to check doget/dopost method**