JAVA SERVLETS.

* Servlet is also an interface that need to be implemented if we want to create a servlet.
* To run a servlet we need to deploy it on the server side first.
* A servlet can respond to incoming requests from request object, process the request and send the output in response object.
* The main purpose of servlets is to create dynamic web applications.
* In order to deploy a servlet we need a webserver.
* Servlet is a server side java program which is written according to servlet API specifications
* Some of the examples of web servers are apache tomcat, WebLogic, WebSphere.

How Servlets executed?

* When a client sends a request from browser to server, Firstly the webserver receives the request and it loads the appropriate servlet according to the requirement.
* The web server then executes the servlet and it will send the output as response to the client (browser).

Creating a Servlet:

Servlets can be created in any of the three ways:

* Implementing Servlet Interface
* Inheriting GenericServlet class
* Inheriting HttpServlet class

Servlet Life Cycle Methods:

Init(),Service(),Destroy()

Forwarding Servlet Request and Response to other resources:

Using requestdispatcher interface we can forward the servlet request to another resource.

Using getRequestDispatcher () method of servletrequest we will get the requestdispatcher object.

Then we need to call the forward method of requestdispatcher.