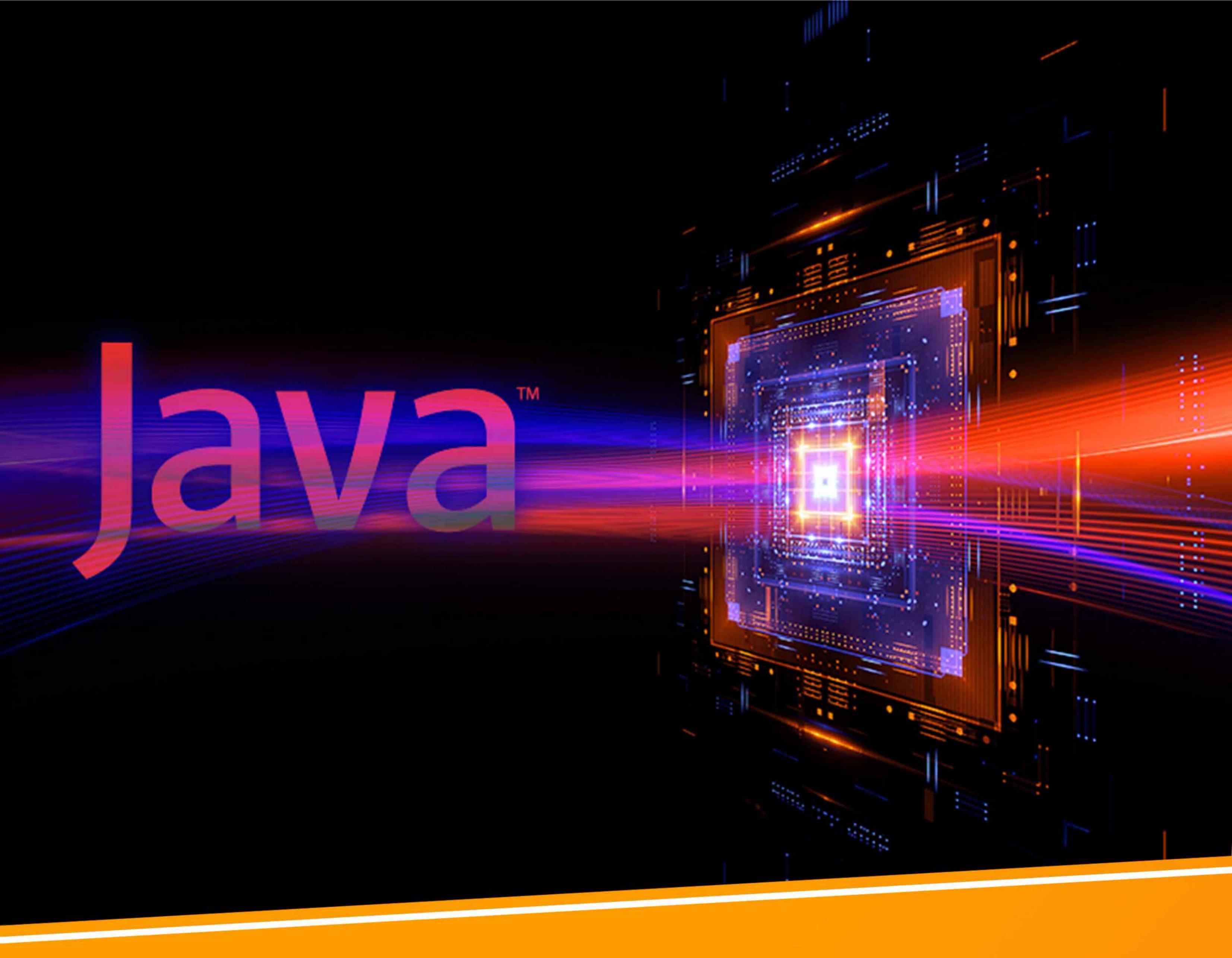




JAVA Serviet





About Course

A servlet is a Java programming language class that is used to extend the capabilities of servers that host applications accessed by means of a request-response programming model. Although servlets can respond to any type of request, they are commonly used to extend the applications hosted by web servers.

JAVA SERVLETS

CURRICULUM

Basics of a Web application

What is a web application?
What is a web client and web server?
How do client and server communicate?
HTTP protocol basics
HTML language basics
What is a TCP/IP port, URL?
Need for a Web Container

Web Container and Web Application Project Set up

To set up Tomcat Container on a machine To set up a Servlets JSP project in Eclipse To configure dependency of Servlet JSP APIs Web application project structure

Servlets

What are Servlets?
What can they do? Why are they needed?





How do Servlets look in code?
HTTP Methods; GET, POST, PUT, DELETE, TRACE, OPTIONS
GET/POST request; differences between the two
Servlet Lifecycle
Servlet Context and Servlet Config
Forwarding and Redirection of requests

Session Management

What is a session?
Why is it required?
How to get a session?
Session information passing between client and server
Session information passing mechanisms Cookies, Rewriting
How to destroy a session

























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