

## SAVEETHA SCHOOL OF ENGINEERING SIMATS, CHENNAI



Course Code /Title: CSA4399 – Internet Programming Programme : Computer Science and Engineering

## **ASSIGNMENT 3 QUESTIONS**

## SET-5

S.No	Questions	Marks	СО	В
1	Implementing a feature in a web application that tracks the number of accesses by a client within a single session. You need to use Java Servlets to manage and monitor session data. The application should count how many times the client accesses the application during their session and retrieve information about the session, such as the session ID, creation time, and last accessed time.	20	CO4	
2	Write a scenario where you had to use JSTL to solve a complex problem and how you went about it. Also, elaborate the function library in JSTL and how to create custom functions.	20	CO4	
3	A page of stock market quotes uses script to refresh the page every five minutes in order to ensure the latest statistics remain available. 20 seconds before the five minute period expires, a confirm dialog appears asking if the user needs more time before the page refreshes. This allows the user to be aware of the impending refresh and to avoid it if desired.	20	COS	5
4	You are developing an e-commerce application that needs to integrate with an external payment gateway service. This service is described using a WSDL file. How would you use the WSDL file to integrate the payment gateway service into your e-commerce application? Describe the steps involved in generating the client code, invoking the service, and handling any potential errors	20 20	СО	6

Assignment -Implementing a feature in a cueb application that -backs number of accesses by a client within a session using Java. serviet code: The above that import sava io JOEX ception, tooghing. java. 10. Print write; impost Java. util cate; impost valux. seoulet exception; impost javax, servet. Attp. Attp serviet; import value · servict · http: Http session; @ web servlet ("reession Tracker"). #++P serviet response response -I hooks servict exception IO txceptions response set content type ("text / html") Print writer out = response get workers String session Id = session-get (Id c); long last Access Time = gession getlast. Accessed Timecs; Integer visit count = (integer) session ger Attoibute ("Visit count"); if (visit count = = num) Visit lauft =0) 111/1 1004-11 visit count ++; out · Println ("Lhtml > 2 body>"); Outopointen ("LNI > session Tracking example </n>

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