

1. Write a Socket Program in Java to implement an Echo Server.
2. Write a Socket Program in Java to implement a Math Server to calculate simple mathematical operation.
3. Write a client-server program using socket programming to implement a loan server. The client sends loan information (annual interest rate, number of years, and loan amount) to the server. The server computes monthly payment and total payment and sends them back to the client. Name the client "LoanClient" and the server "LoanServer". Necessary Classes and Methods: ServerSocket, Socket, DataInputStream, DataOutputStream, accept().

Useful Classes and Methods:

#### StringTokenizer Class

StringTokenizer(String str)	It creates StringTokenizer with specified string.
StringTokenizer(String str, String delim)	It creates StringTokenizer with specified string and delimiter.

#### StringTokenizer Methods

boolean hasMoreTokens()	It checks if there is more tokens available.
String nextToken()	It returns the next token from the StringTokenizer object.
String nextToken(String delim)	It returns the next token based on the delimiter.

#### Integer.parseInt() Method

parseInt (String s)	This method returns the integer value which is represented by the argument in decimal equivalent.
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