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| **3.** | **Remote Method Invocation**   1. Calculate addition of two numbers and send it to the client using **RMI**. 2. Retrieve time and date function from server to client. This program should display server date and time by implementing **RMI**   **Equation Solver:**   1. The client should provide the values of a and b. The server will solve the equation (a+b)2=a2+2ab+b2 and will give back the value of equation using **RMI**. 2. The client should provide the values of a and b. The server will solve the equation (a+b)2=a2+2ab+b2  and (a-b)2=a2+2ab+b2 andwill give back the value of equation (Use **RMI**) 3. The client should provide the values of a, b & c. The server will solve the equation (ax2 + bx + c = 0) and will give back value of x.   If a = 1, b = 5 and c = 6 then return value will be  x = -2 or x =-3.   1. Find X, where ‘Y’ and ‘n’ values provided. The client should provide equation and values to the server through an interface. The server will solve the expression given by the client. Use **RMI** X=Yn |  | **CO1**  **CO2** |  |
| **4.** | **Remote Method Invocation**  **Graphical User Interface**   1. Design a Graphical User Interface for addition of two numbers. Implement using RMI 2. Design a Graphical User Interface (GUI) to find factorial of a given numbers. Implement using RMI 3. Design a Graphical User Interface to convert Celsius to Fahrenheit. Implement using RMI 4. Design a Graphical User Interface (GUI) based BMI calculator by implementing RMI 5. Design a Graphical User Interface (GUI) based Basic calculator by implementing RMI 6. Design a Graphical User Interface (GUI) to find greatest of two numbers. Implement using RMI 7. Design a Graphical User Interface (GUI) which accepts a numerical value from the client. Convert the number in to words .Implement using RMI 8. Design a Graphical User (GUI) Interface for reversing a given number. Implement using RMI 9. Design a Graphical User Interface (GUI) two find GCD of two numbers. Implement using RMI |  | **CO1**  **CO2** |  |