CST 452-2: Middleware Architecture

Lab Exercise

Remote Method Invocation (RMI)

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1. Write an RMI program to accept the user's name from the terminal and to display a greeting message to the user.

2. Write a simple RMI program to add 20 and 30 and to display the result as "Total of 20 and 30 is 50" where the total is calculated in the server program.

3. Write an RMI program to accept a number from the user and to add 10 to the entered number. Display the output as "After adding 10 to your no. final answer is : <<the final answer>>.

   E.g.:

   ```
   ==========================================
   Enter Your Number:
   30
   After adding 10 to your no. final answer is : 40
   ```

4. Write an RMI system to accept a sentence from the user and to find the number of words in that sentence. Display the answer to the client in a readable format.