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| Department of Software Engineering  Mehran University of Engineering and Technology, Jamshoro |

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| Course: SWE324 – Distributing Computing | | | |
| Instructor | Rabeea Jaffari | **Practical/Lab No.** | 01 |
| Date | 02 April 2019 | **CLOs** | CLO-4: P3 & P4 |
| Signature |  | **Assessment Score** | 1 Marks |

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| Topic | To become Familiar with OLTP System Design |
| Objectives | * To Creating applications using Datagram sockets. |

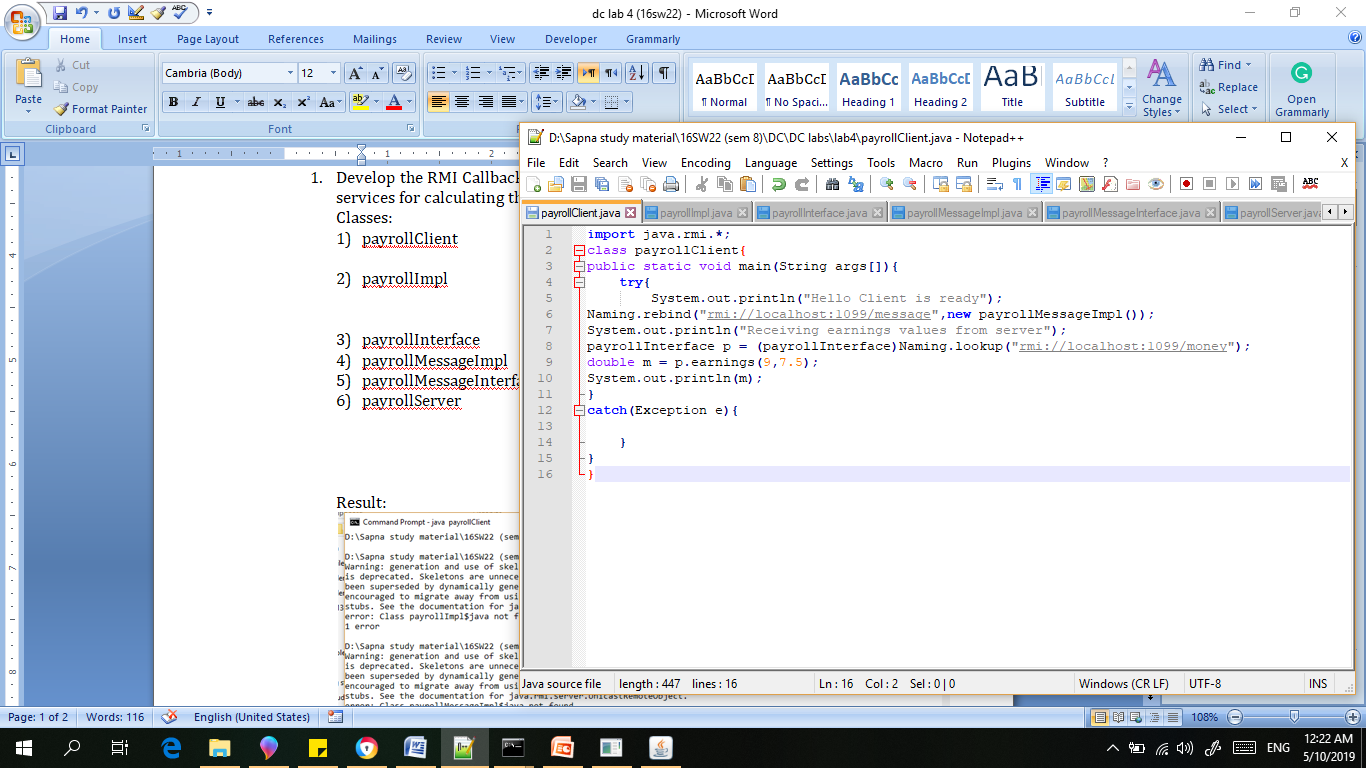
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| Lab Discussion: Theoretical concepts and Procedural steps |

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| Lab Tasks |
| Submission Date: 09-04-19 |

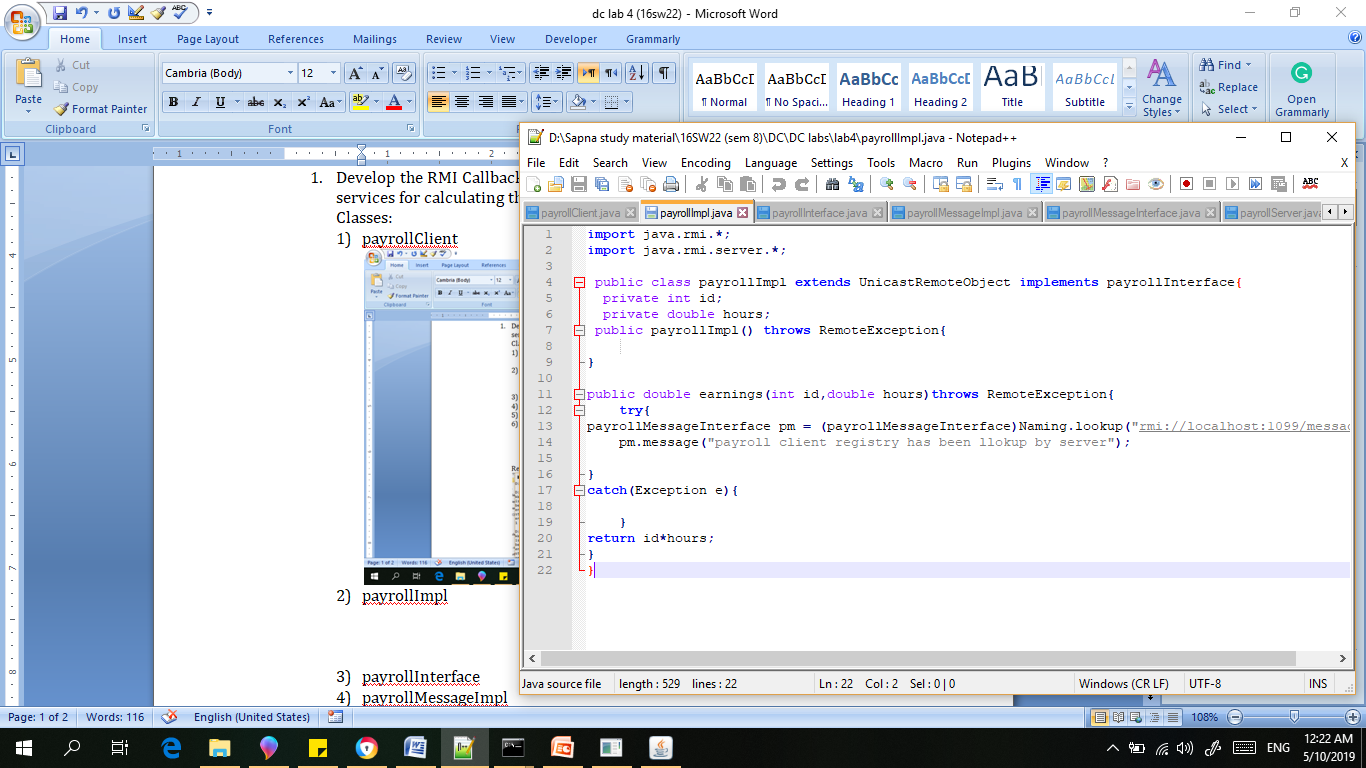
1. Develop the RMI Callback application of Payroll and PayrollMessage services for calculating the earnings.

Classes:

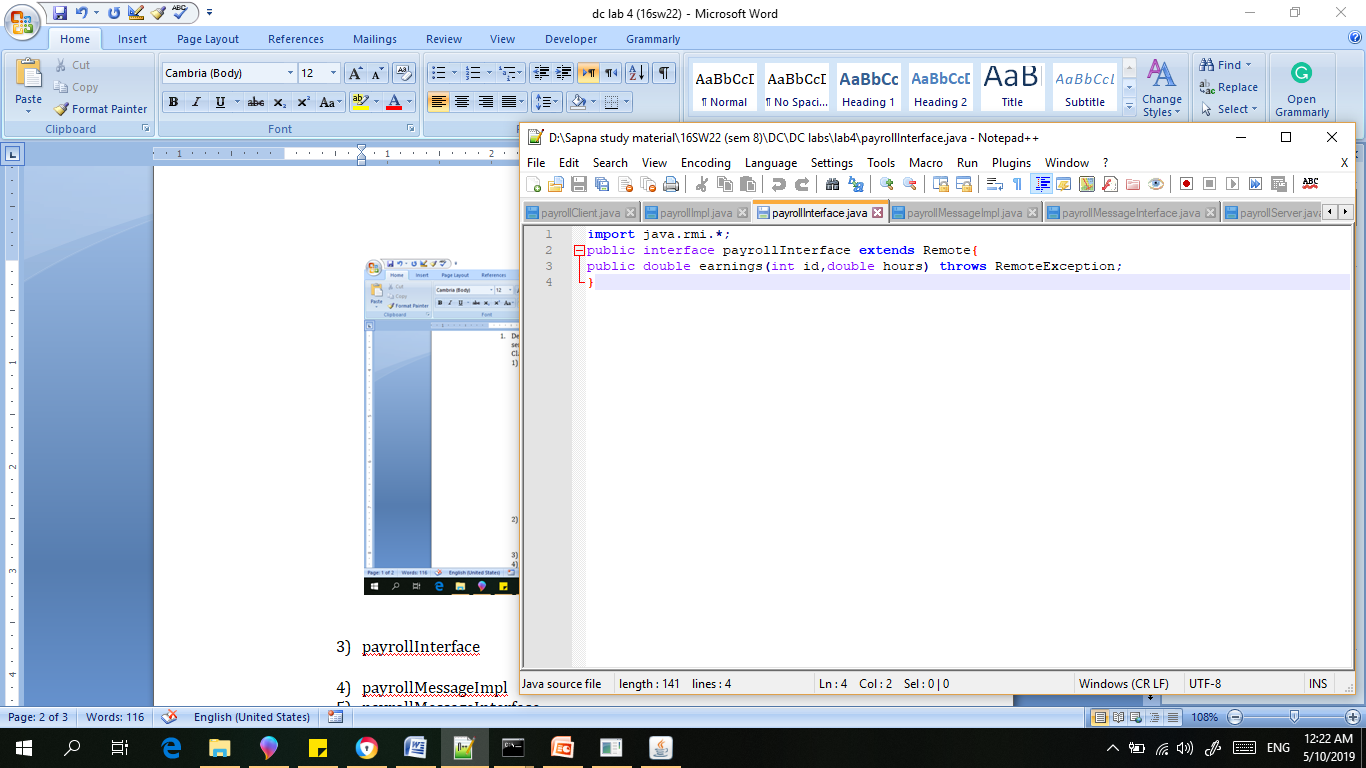
1. payrollClient



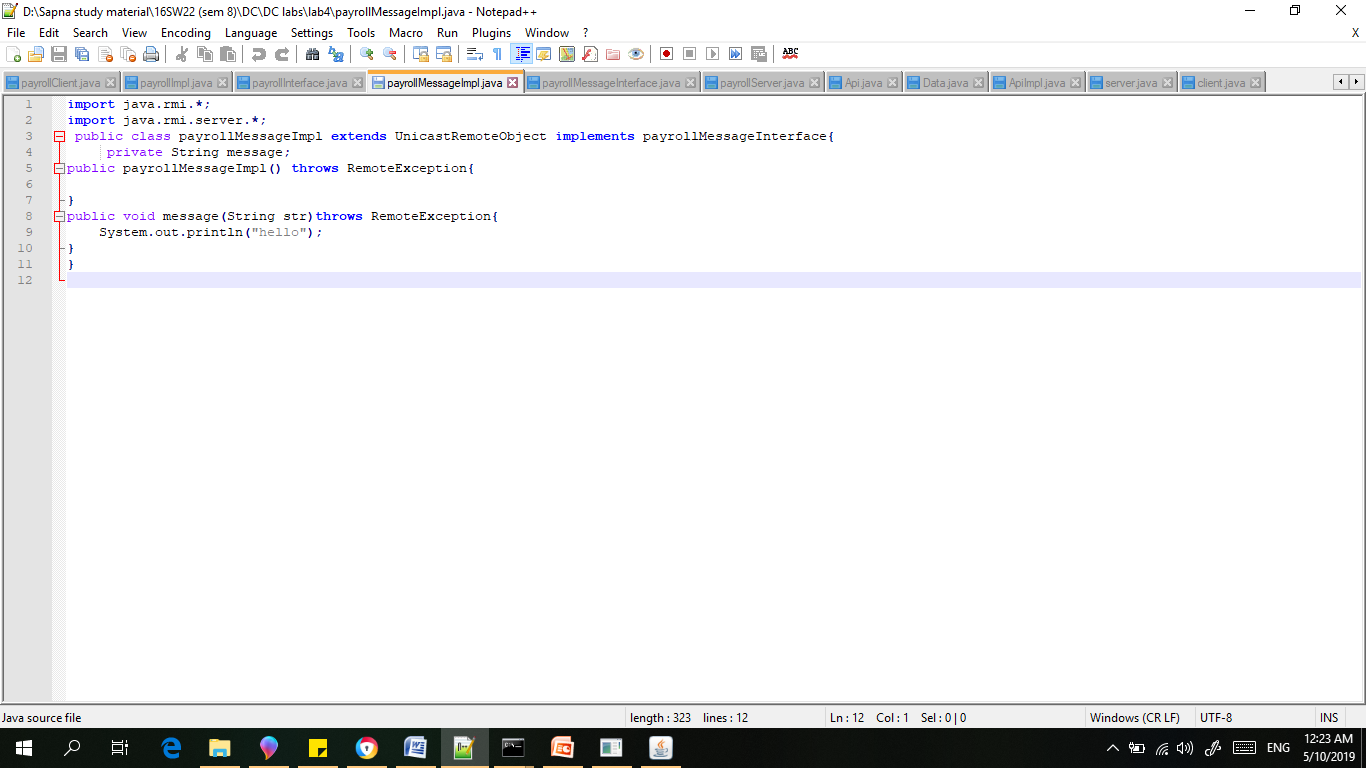
1. payrollImpl



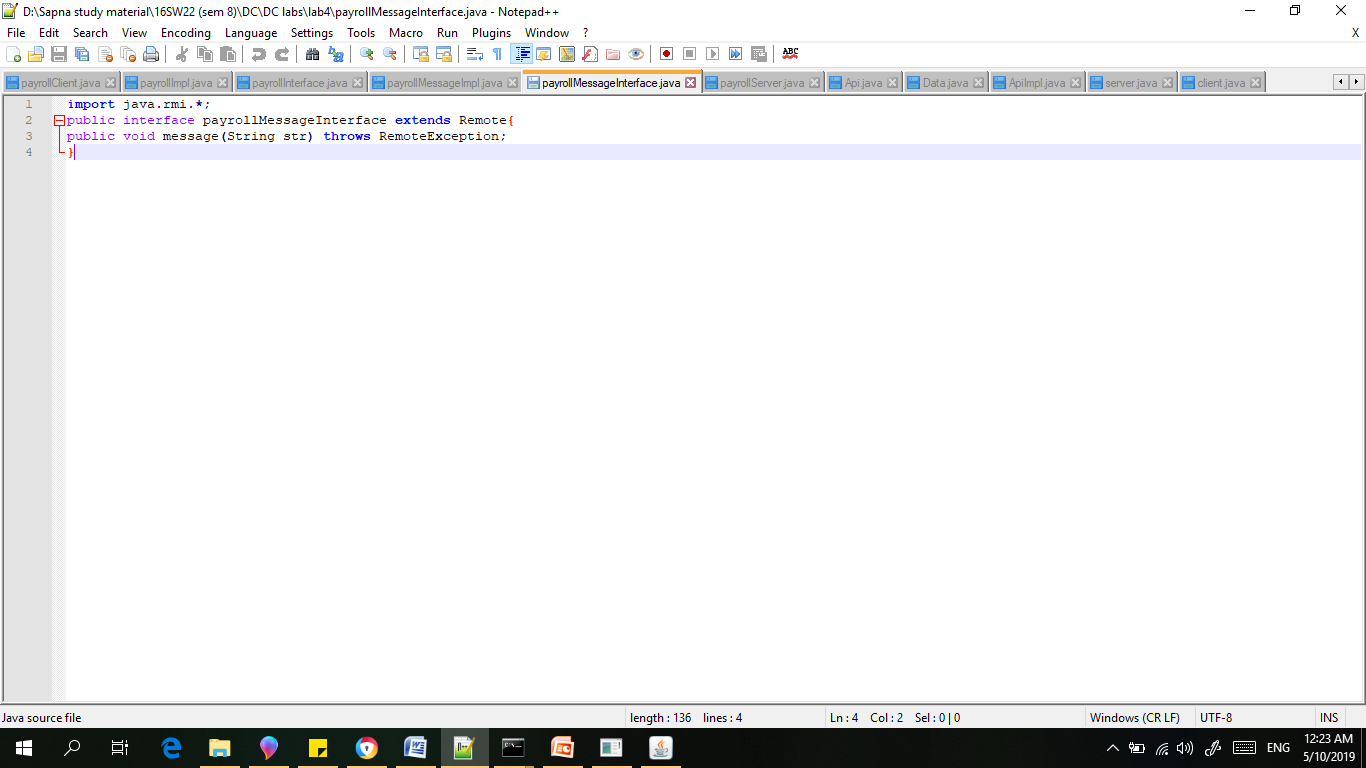
1. payrollInterface



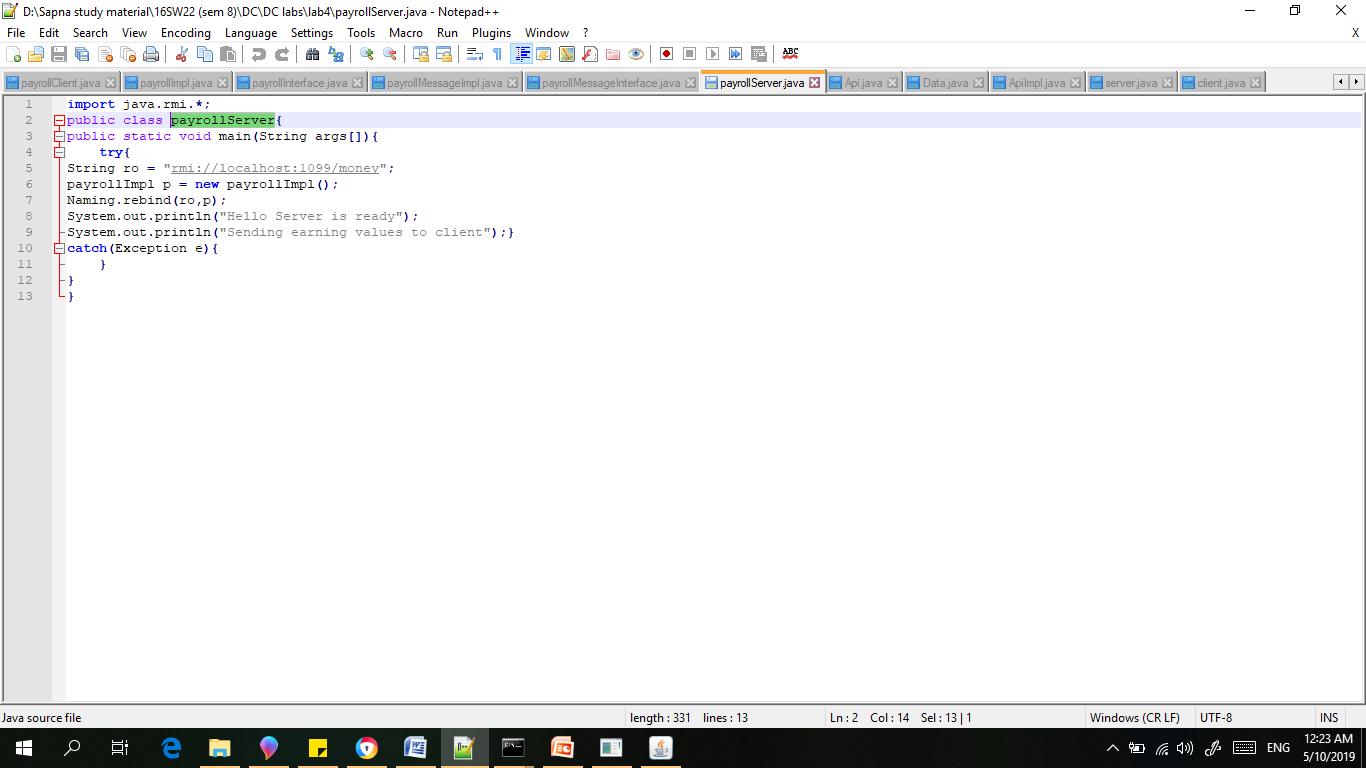
1. payrollMessageImpl



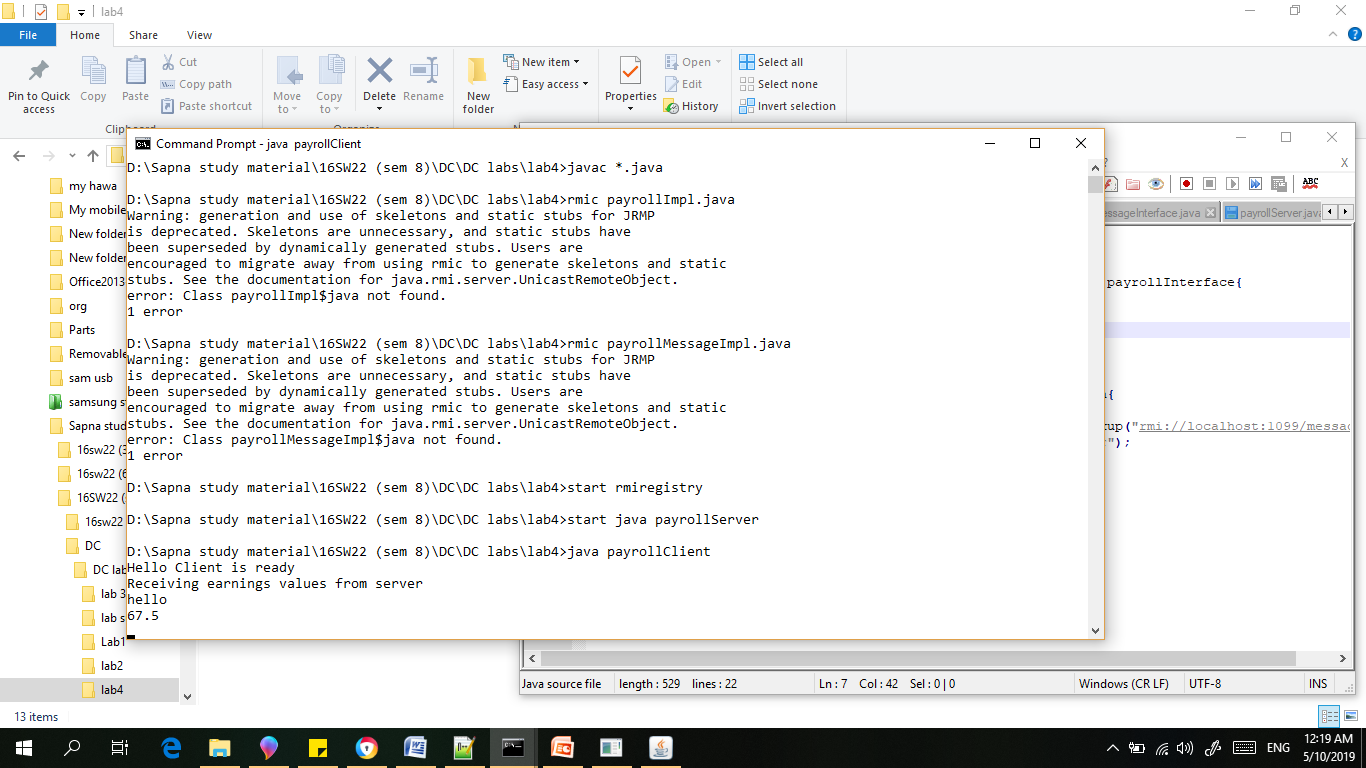
1. payrollMessageInterface



1. payrollServer



Result:

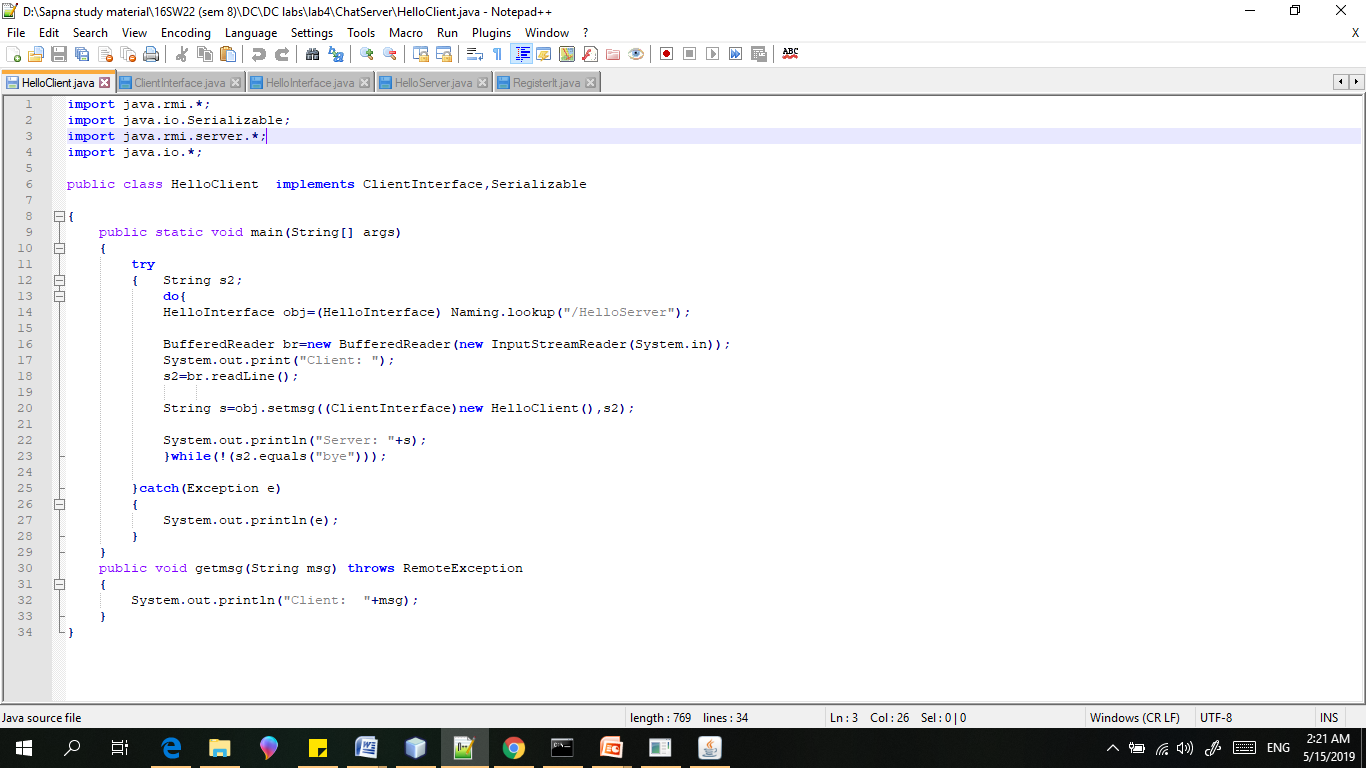


**Optional Task:**

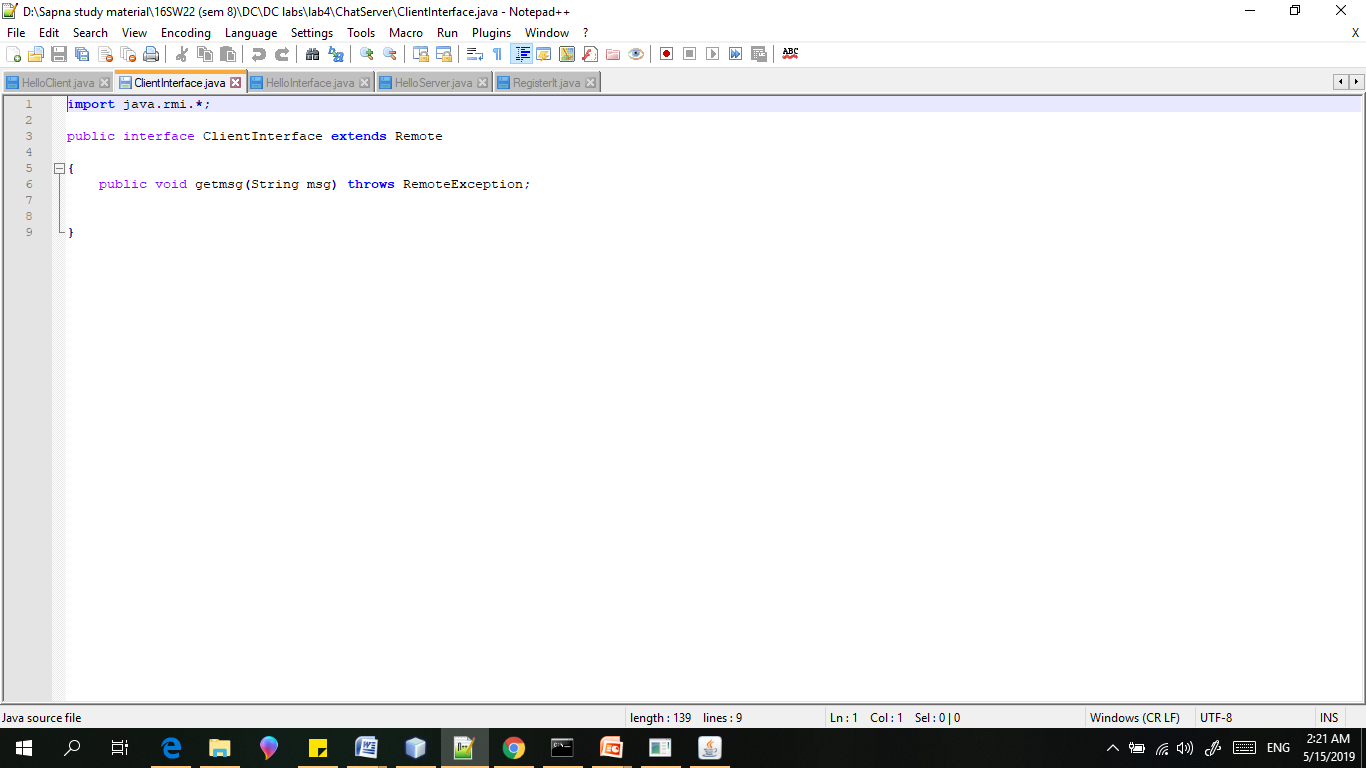
1. Develop an RMI application for chatting between client and server, the chatting should stop when both of them say “bye”.

Code::

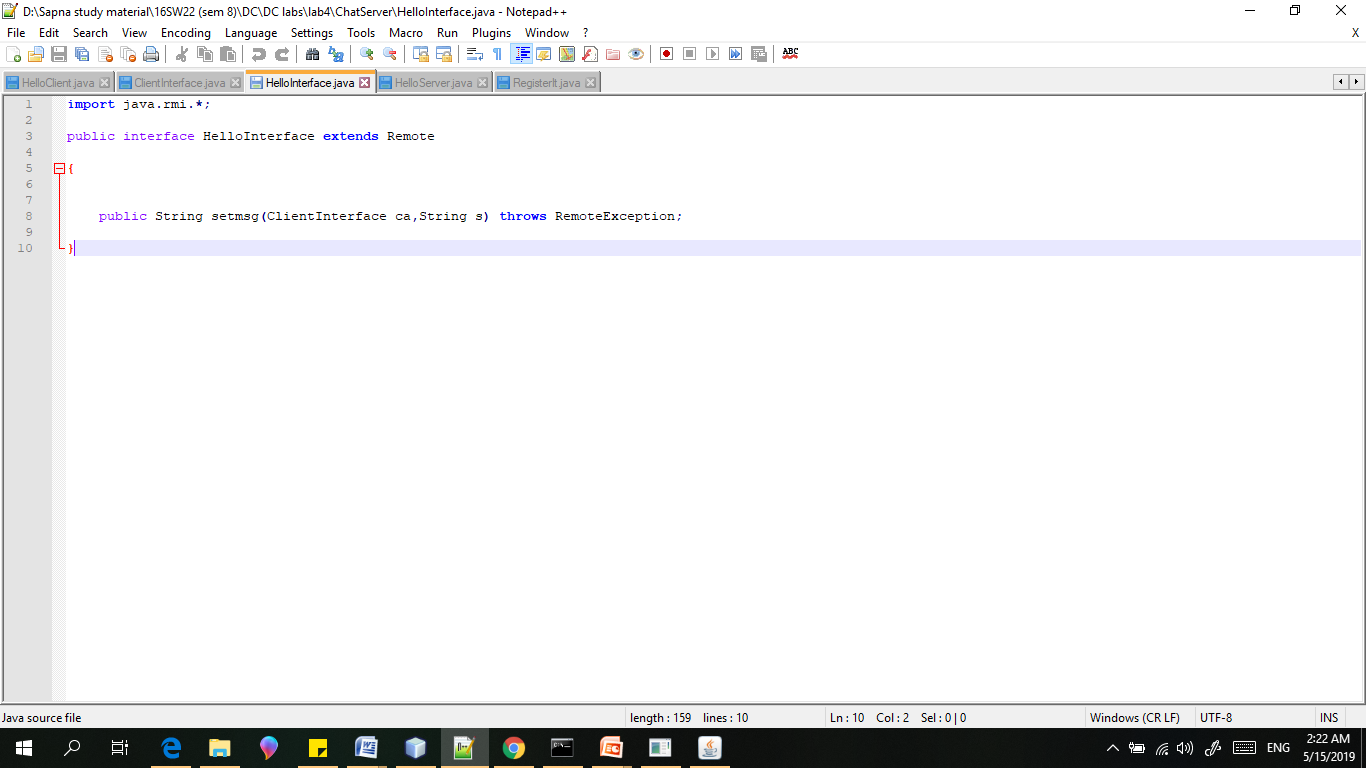
1. Client Class



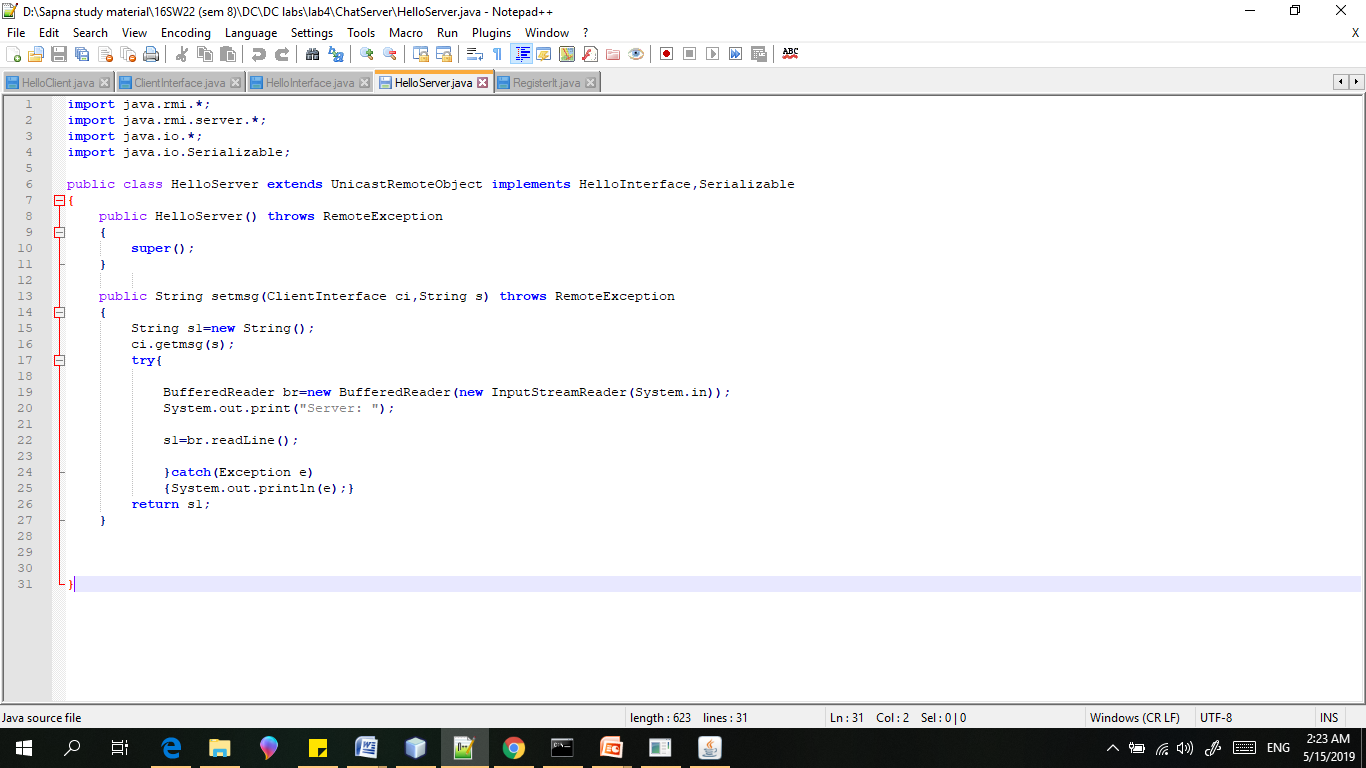
2)Client Interface:



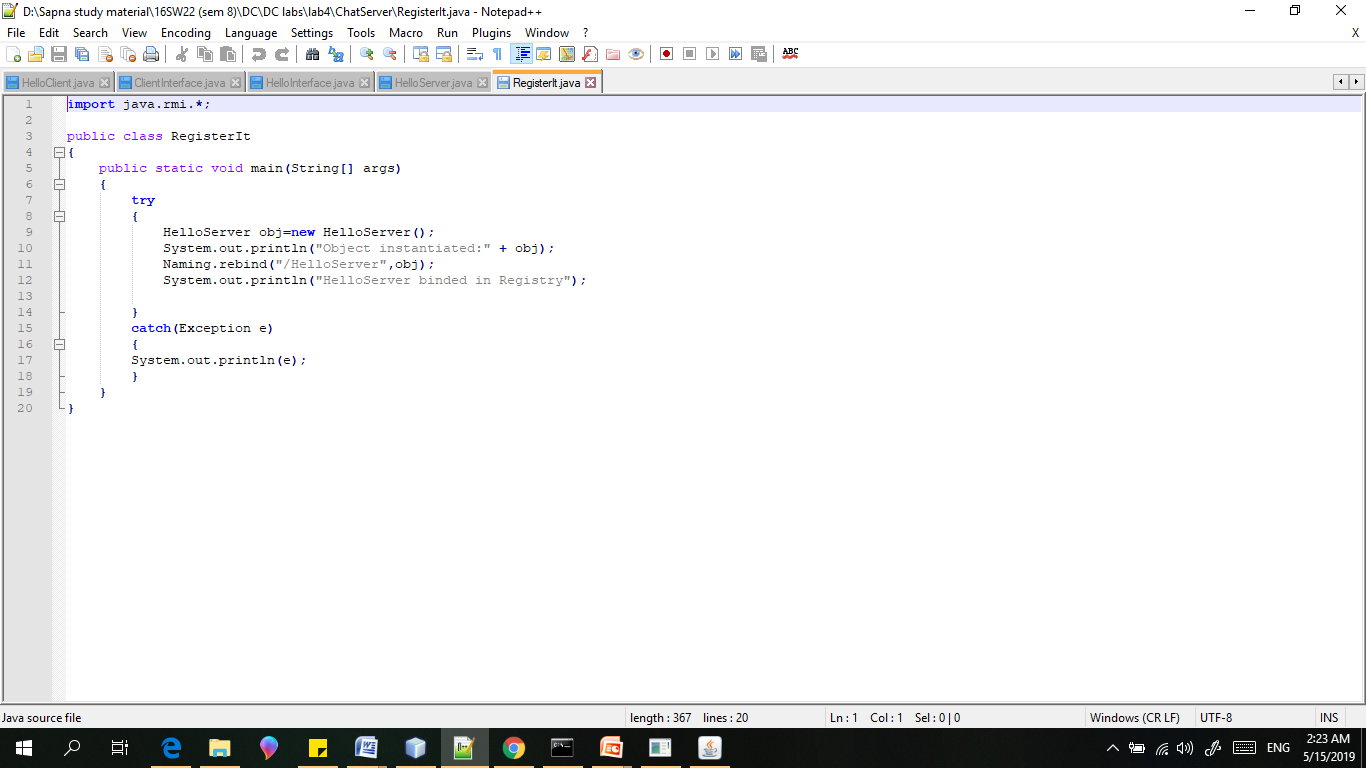
3)Hello interface:



Server Class:



Register



Result:

