

CMPE 261: Large Scale Programming

Worksheet 8B

Istanbul Bilgi University

Fall 2021

RULES

- This work is an individual study. Plagiarism is strictly prohibited, involved students will be penalized by -100.
- Late submissions will not be accepted. Submission system will be closed after deadline. Submissions via e-mail will not be accepted.
- Black-box testing will be applied for the evaluation. Therefore, **the given template must be used for the answers**. Otherwise, any point will not be given.
- Partial grade will not given for the answers.

QUESTION

Write a Server-Client application that Server provides grade information of students while the Client asks the grade of the student whose ID is given.

Part I (20 point)

Write method for searching the grade of the student whose ID is given.

Part II (40 point)

Write Server side class for waiting students to ask their grade and responding their grades.

Part III (40 point)

Write Client side class for asking grades of the students.

Note: Submit your answers by filling the given template.

Note: Do not forget to justify your answers with comments. The codes without comments will not be evaluated.