

# CMPE 261: Large Scale Programming

## Worksheet 12B

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.

### **Part I (25 point)**

Define functions corresponding to the Vehicle header file.

### **Part II (25 point)**

Define functions corresponding to the Ship header file.

### **Part III (25 point)**

Write a function that reduces the speed of the given ship.

### **Part IV (25 point)**

Write a function that takes the given number of passenger to the ship.

**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.**