Part A:

sd SequenceDiagram

Order | OrderLine | Product | Customer

1 : CalculatePrice

2 : * CalculatePrice

3 : getPrice

4 : getDiscountedValue

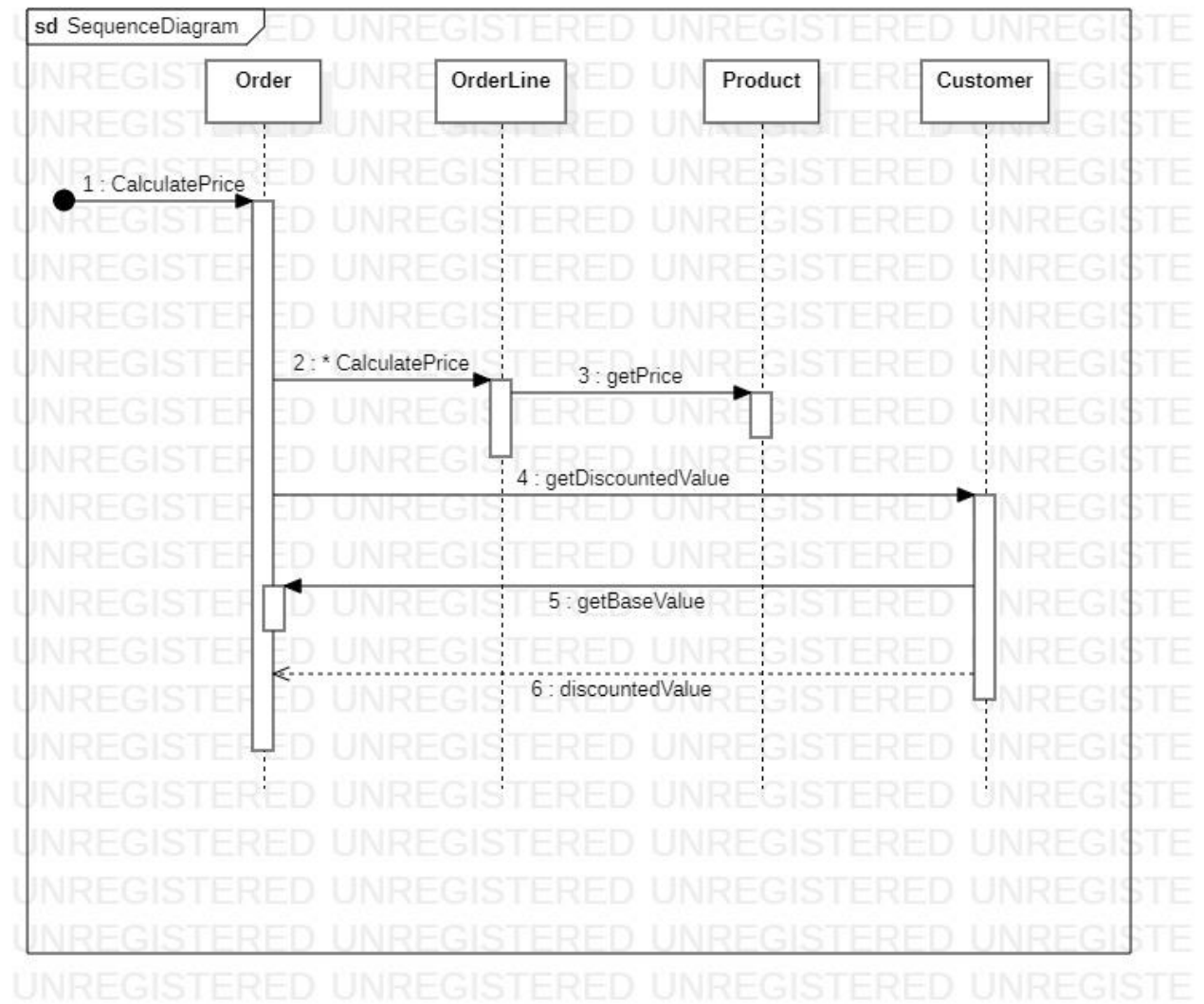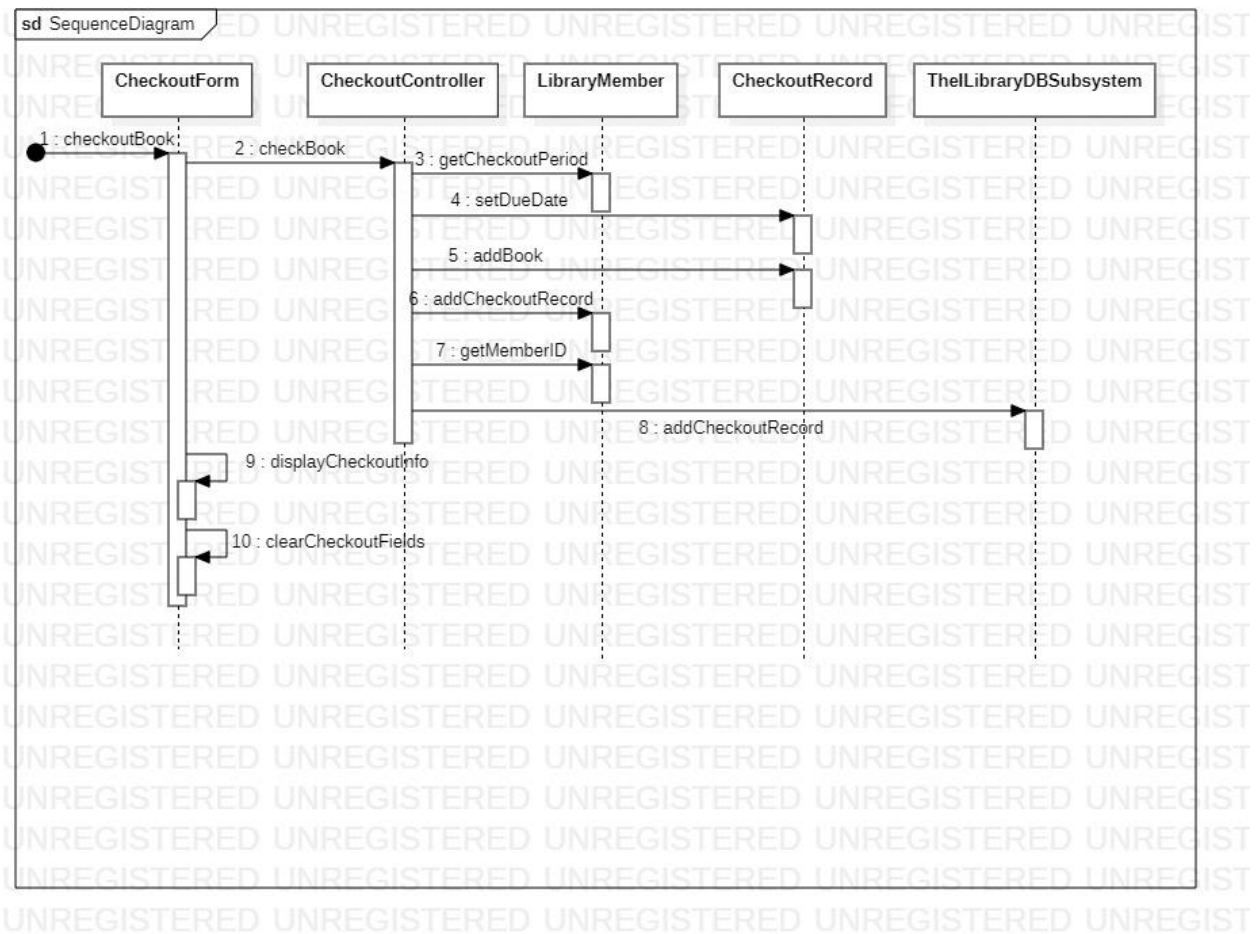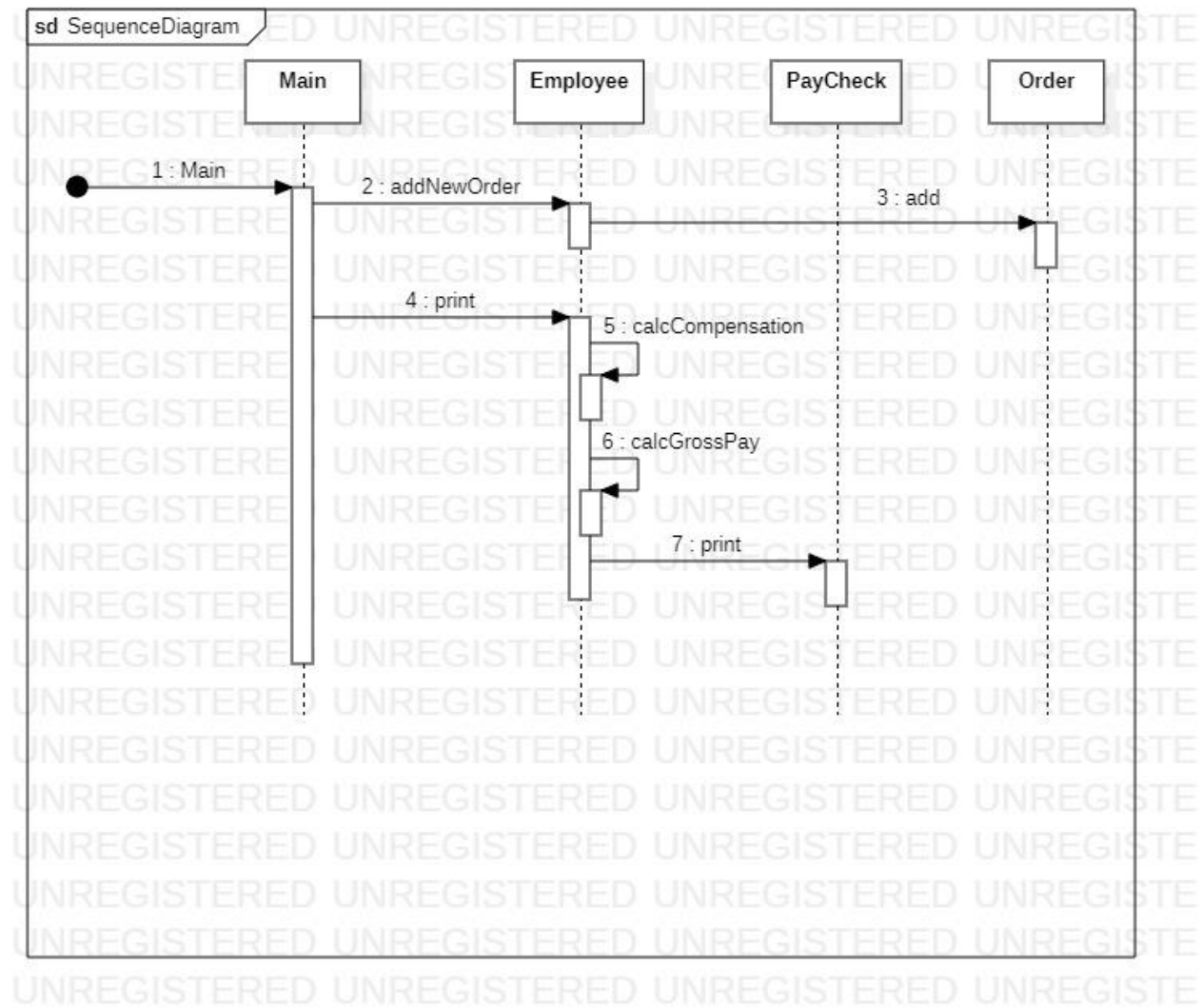5 : getBaseValue

6 : discountedValue

Part B:

Part C: Code is in the project folder

Part D:

Part E: Code is in the project folder