

Design Pattern Assignment

Output -

Robert average using Strategy 1: 84.83

Robert average using Strategy 2: 85.9

Robert average using Strategy 1: 84.83

Before Update: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After first homework: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After second homework: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After third homework: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After fourth homework: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After fifth homework: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After sixth homework: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'F'}}

An update to student record is notified

After first exam: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'C'}}

An update to student record is notified

After second exam: {'CS': {'Robert': 'B', 'John': 'C'}, 'ML': {'Mark': 'C', 'Paul': 'C'}}

Student averages for course 'Computer Science' = {'Robert': 84.83, 'John': 71.83}

Student averages for course 'Machine Learning' = {'Mark': 78.83, 'Paul': 71.83}

Grades from Record office:

Course=CS

Robert : B

John : C

Course=ML

Mark : C

Paul : C