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| CSE124.1 |
| Lab\_Assignment\_1 |
| Submitted to Mohmmad Nazim Uddin |
| All code is uploaded to GitHub: https://github.com/Faerque/Java\_Lab\_Assigment\_1 |

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| Submitted by Omar Faruk  7-15-2021 |

1. Display course names/string using user input with private instance variable and set-get methods/constructor.

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1. Create and Update bank account with deposit and withdraw. using constructor. Create at least two bank accounts.

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1. Quiz average of 10 students.

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1. Analyse result of 10 students (1 for Pass and 2 for fail). Display number of students passes and fails. If more than 8 students’ passes print a message “Bonus to instructor”.

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1. Write a program to calculate sum, average, and Count of Letter grades for 10 students using switch.

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1. Maximum and minimum of 3 numbers using Math.max.

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1. An Electronics company wishes to maintain stock of items with buy and sells of details. Write a java application to show total stock, total buy, and total sell of the company. Apply object-oriented approaches in the application.

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1. a. Create a class A

i. Declare a private static instance variable.

ii. Write a constructor which will increase instance variable.

iii. Write a method to return value of instance variable.

b. Create a Class B

i. Display value of instance variable of class A

ii. Create three objects of class A

iii. Display value of instance variable of Class A

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