Homework #1

MCIS 5103: Advanced Programming Concepts

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1. What is the relationship between the Employee class and the Manager class? What concept does this demonstrate?
   1. Manager is a type of Employee. Manager is a subclass that inherits from the Employee superclass.
2. What would happen if mySalary were declared private instead of protected?
3. Write the output for each section of print statements.

Baugh:MCIS-5103 Baugh$ java Test

Name : John Doe

Title : Department Head

Age : 55

Years of Experience : 30

Highest Degree Earned : PhD

Salary : 100000.0

Promotion Bonus : 5000.0

Salary Raised!

New Salary : 115000.0

Name : Jane Doe

Title : Resource Analyst

Age : 40

Salary : 75000.0

Salary Raised

New Salary : 82500.0

Name : Jim Doe

Title : Engineer

Age : 46

Salary : 85000.0

Salary Raised

New Salary : 94350.0

1. Which raiseSalary() method does m.raiseSalary(10) execute? Why? What concept does this demonstrate?
2. Which raiseSalary() method does e1.raiseSalary(10) execute? Why? What concept does this demonstrate?
3. Which raiseSalary() method does e2.raiseSalary(10,1) execute? Why? What concept does this demonstrate?