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CSC 125

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Project 4 design notes

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| Class Policy (abstract class) | |
| What does it know? | What does it do? |
| Name of insured  Commission  Type of policy | Create policy – Constructor  Destructor(Virtual function)  set commission(Virtual function)  Get commission- return the commission  Set insured name  Get insured name  Set the type of policy  Get the type of policy  Overloaded operator <<  Print details (Virtual function) |
|  | |
| Class Auto - derived class from class Policy | |
| What does it know? | What does it do? |
| Model of the automobile  VIN number  Amount of liability  Amount of collision coverage | Create Auto policy – Constructor(initializing)  Virtual destructor  set commission(Virtual function)  Set the model of the automobile  Get the model of the automobile  Set the VIN number  Get the amount of liability  Set the amount of liability  Set amount of collision coverage  Set amount of collision coverage  Print details (Virtual function) |
|  | |
| Class Home - derived class from class Policy | |
| What does it know? | What does it do? |
| house square footage    amount of dwelling coverage    amount of contents coverage    amount of liability coverage | Create home policy – Constructor(initializing)  Virtual destructor  set commission(Virtual function)  Set the house square  Get the house square  Set the amount of dwelling coverage  Get the amount of dwelling coverage  Set amount of contents coverage  Get amount of contents coverage  Set amount of liability coverage  Get amount of liability coverage  Print details (Virtual function) |
|  | |
| Class Life - derived class from class Policy | |
| What does it know? | What does it do? |
| Age of insured  Name of dependent  Amount of term life coverage | Create life policy – Constructor(initializing)  Virtual destructor  set commission(Virtual function)  Set the age  Get the age  Set the name of dependent  Get the name of dependent  Set amount of term life coverage  Get amount of term life coverage  Print details (Virtual function) |
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| Class Employee (abstract class)  include the class Policy | |
| What does it know? | What does it do? |
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