class PAssign03 {

+main(args : String[]) : void

+OutputComputerDetails(computers : Computer[]) : void

}

class Computer {

-brand : String

-model : String

-videoCard : VideoCard

+Computer()

+Computer(videoCard : VideoCard)

+Computer(brand : String, model : String, videoCard : VideoCard)

+toString() : String

+getBrand() : String

+setBrand(brand : String) : void

+getModel() : String

+setModel(model : String) : void

+getVideoCard() : VideoCard

+setVideoCard(videoCard : VideoCard) : void

}

class VideoCard {

-type : String

-powerRequirement : int

-memorySize : int

+VideoCard()

+VideoCard(type : String, powerRequirement : int, memorySize : int)

+toString() : String

+getType() : String

+setType(type : String) : void

+getPowerRequirement() : int

+setPowerRequirement(powerRequirement : int) : void

+getMemorySize() : int

+setMemorySize(memorySize : int) : void

}

class IntegratedVideoCard {

-sharedMemory : int

-usesComputerRAM : boolean

+IntegratedVideoCard()

+IntegratedVideoCard(powerRequirement : int, memorySize : int, sharedMemory : int, usesComputerRAM : boolean)

+IntegratedVideoCard(sharedMemory: int, usesComputerRAM: boolean)

+toString() : String

+getSharedMemory() : int

+setSharedMemory(sharedMemory : int) : void

+getUsesComputerRAM() : boolean 'Fixed method name'

+setUsesComputerRAM(usesComputerRAM : boolean) : void

}

class DiscreteVideoCard {

-connectionType : String

-usesExternalPower : String 'Changed field name'

+DiscreteVideoCard()

+DiscreteVideoCard(powerRequirement : int, memorySize : int, connectionType : String, usesExternalPower : String) 'Changed parameter name'

+DiscreteVideoCard(connectionType: String, usesExternalPower: String) 'New constructor'

+toString() : String

+getConnectionType() : String

+setConnectionType(connectionType : String) : void

+getUsesExternalPower() : String 'Changed method name'

+setusesExternalPower(usesExternalPower : String) : void 'Changed method name'

}

PAssign03 -- Computer : uses

Computer "1" \*-- "1" VideoCard : has a

VideoCard <|-- IntegratedVideoCard : is a

VideoCard <|-- DiscreteVideoCard : is a