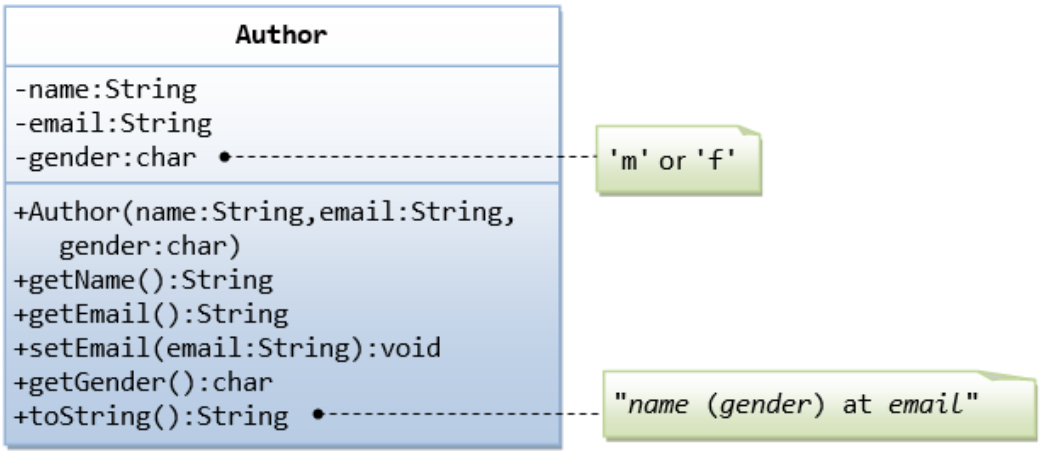
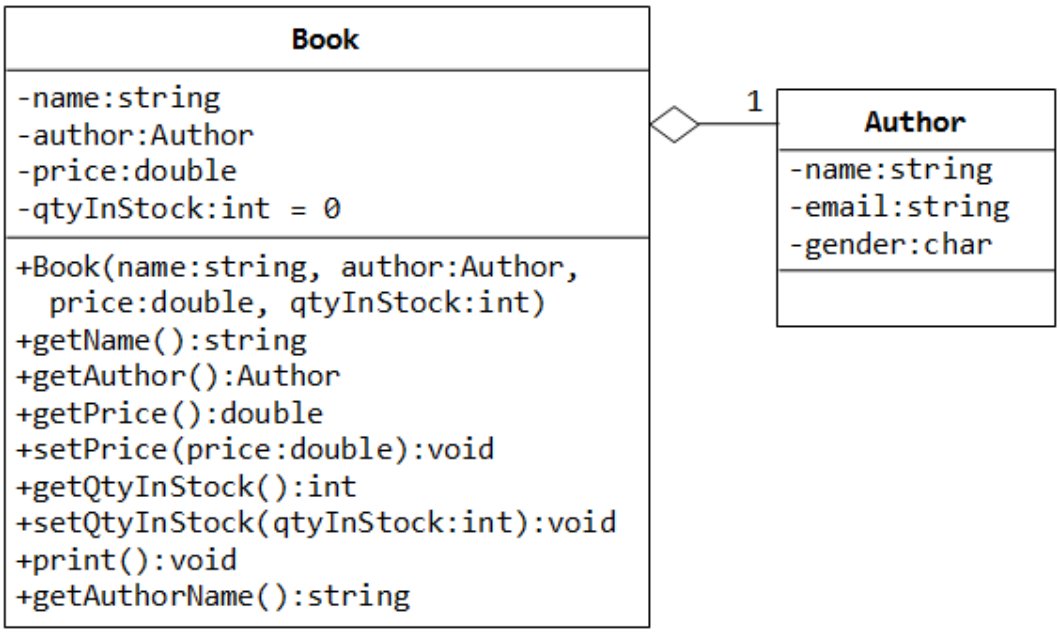
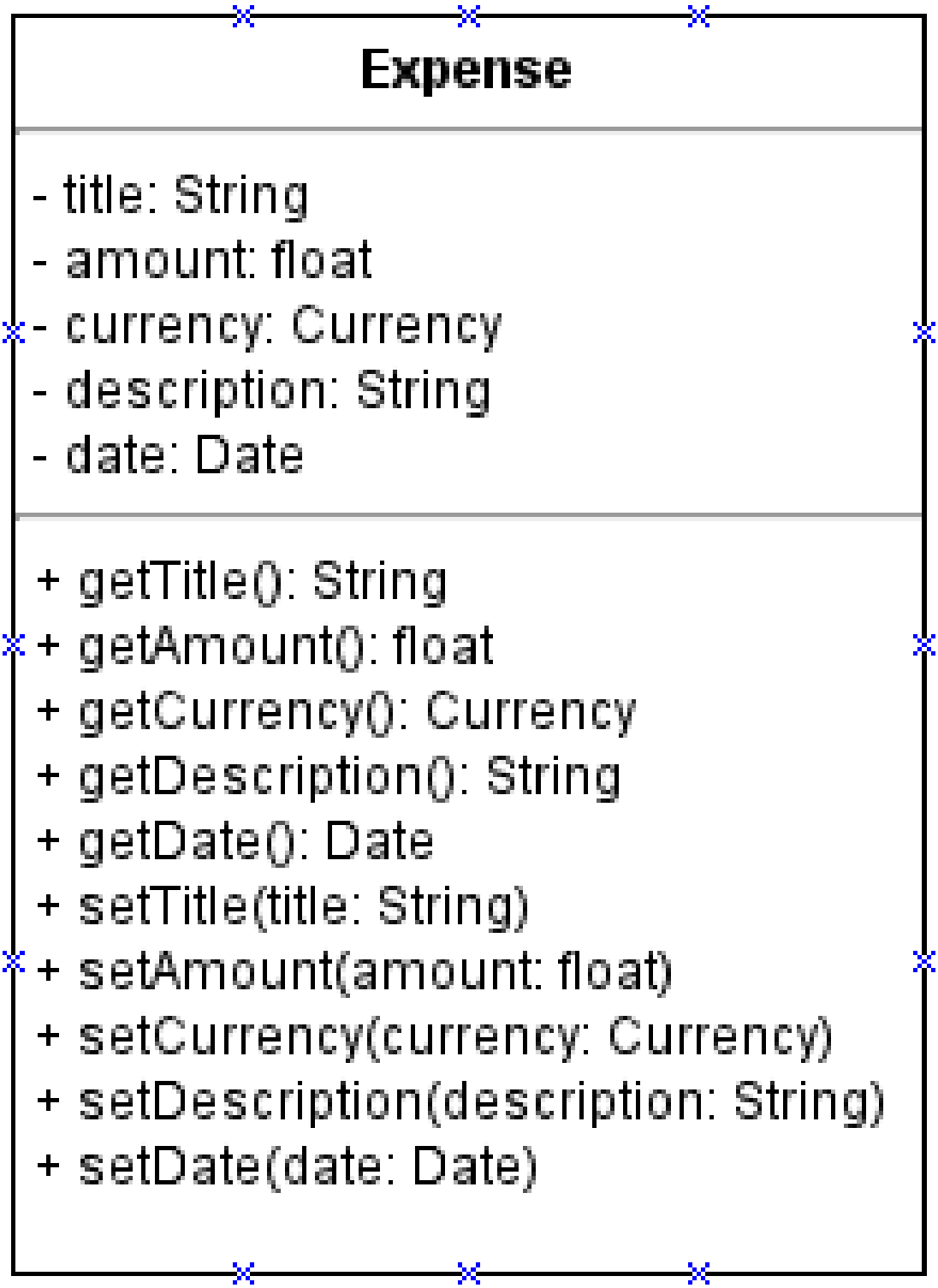
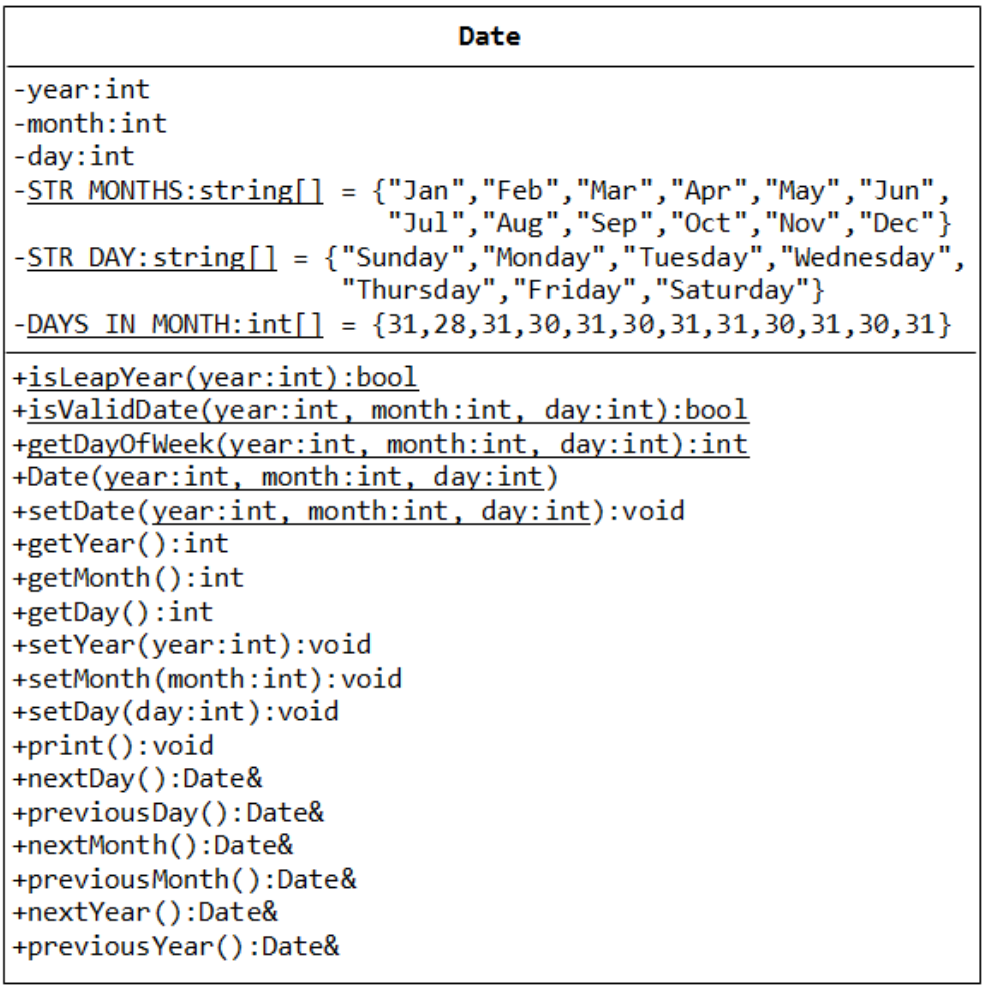
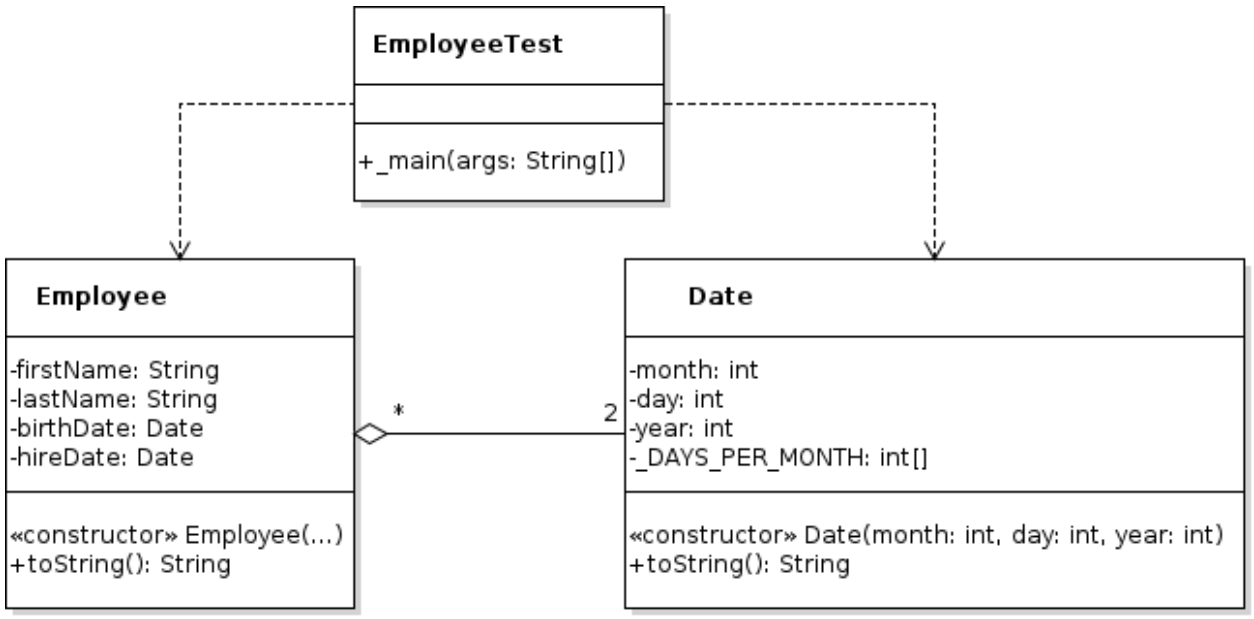
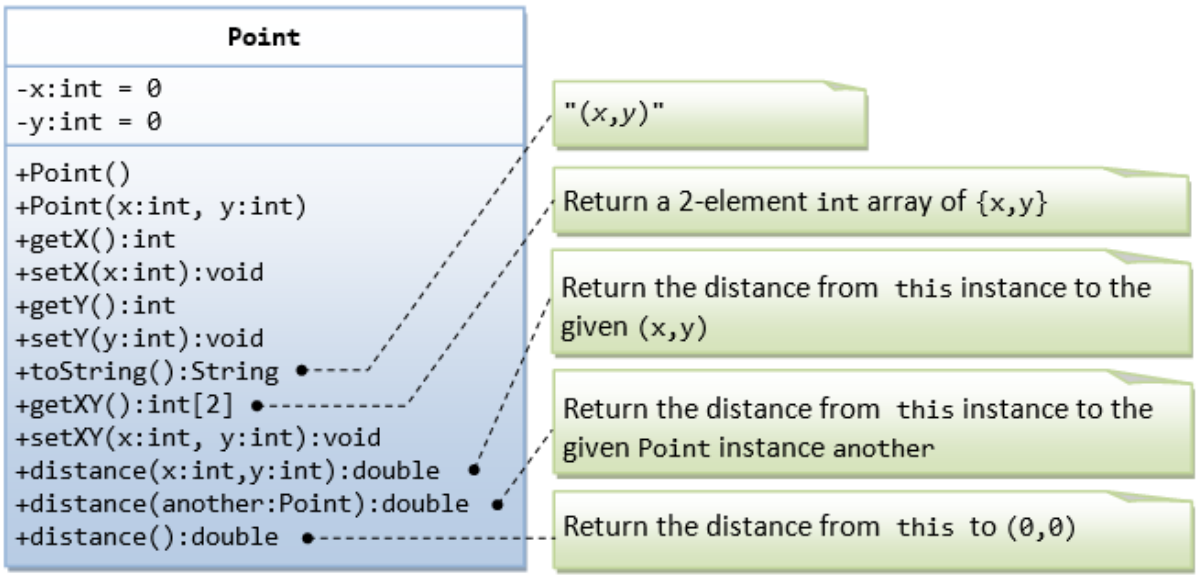

Author
-name:String
-email:String
-gender:char
'm' or 'f'
+Author(name:String,email:String,
gender:char)
+getName():String
+getEmail():String
+setEmail(email:String):void
+getGender():char
+toString():String
"name (gender) at email"

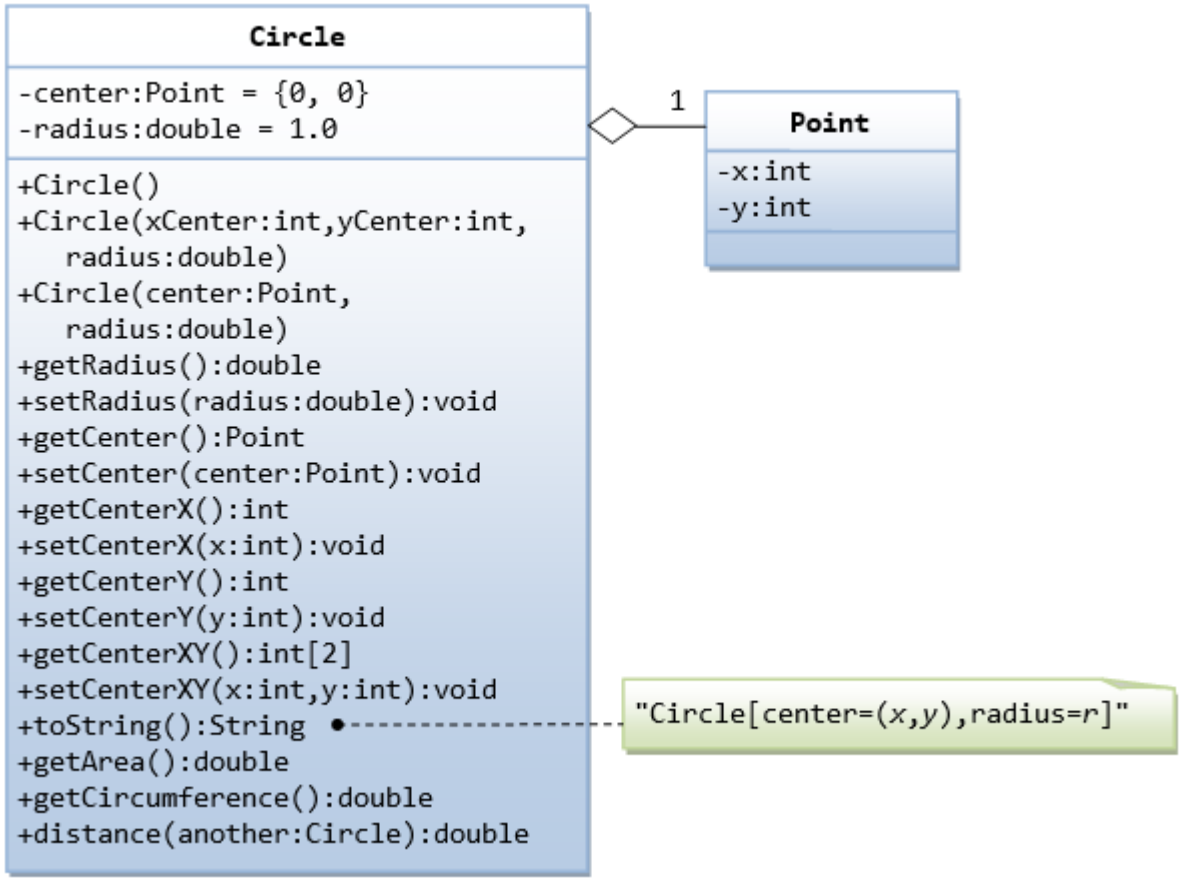

Book
-name:string
-author:Author
-price:double
-qtyInStock:int = 0
+Book(name:string, author:Author,
price:double, qtyInStock:int)
+getName():string
+getAuthor():Author
+getPrice():double
+setPrice(price:double):void
+getQtyInStock():int
+setQtyInStock(qtyInStock:int):void
+print():void
+getAuthorName():string
1
Author
-name:string
-email:string
-gender:char

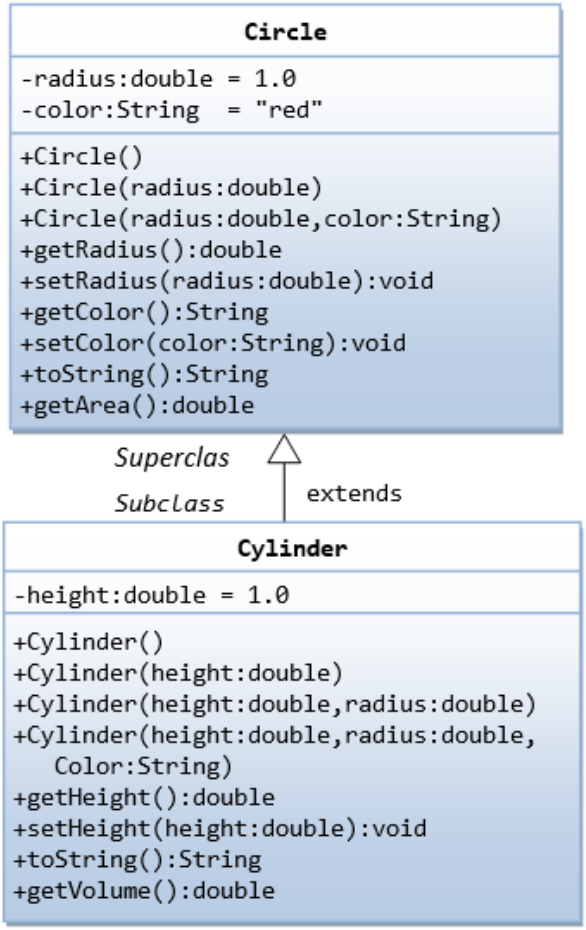

Expense
- title: String
- amount: float
- currency: Currency
- description: String
- date: Date
+ getTitle(): String
+ getAmount(): float
+ getCurrency(): Currency
+ getDescription(): String
+ getDate(): Date
+ setTitle(title: String)
+ setAmount(amount: float)
+ setCurrency(currency: Currency)
+ setDescription(description: String)
+ setDate(date: Date)

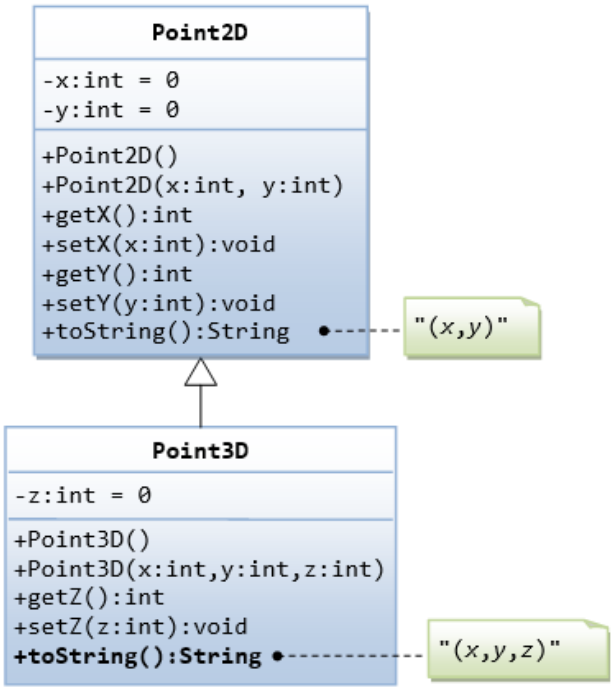

Date
-year:int
-month:int
-day:int
-STR MONTHS:string[] = {"Jan","Feb","Mar","Apr","May","Jun",
"Jul","Aug","Sep","Oct","Nov","Dec"}
-STR DAY:string[] = {"Sunday","Monday","Tuesday","Wednesday",
"Thursday","Friday","Saturday"}
-DAYS IN MONTH:int[] = {31,28,31,30,31,30,31,31,30,31,30,31}
+isLeapYear(year:int):bool
+isValidDate(year:int, month:int, day:int):bool
+getDayOfWeek(year:int, month:int, day:int):int
+Date(year:int, month:int, day:int)
+setDate(year:int, month:int, day:int):void
+getYear():int
+getMonth():int
+getDay():int
+setYear(year:int):void
+setMonth(month:int):void
+setDay(day:int):void
+print():void
+nextDay():Date&
+previousDay():Date&
+nextMonth():Date&
+previousMonth():Date&
+nextYear():Date&
+previousYear():Date&

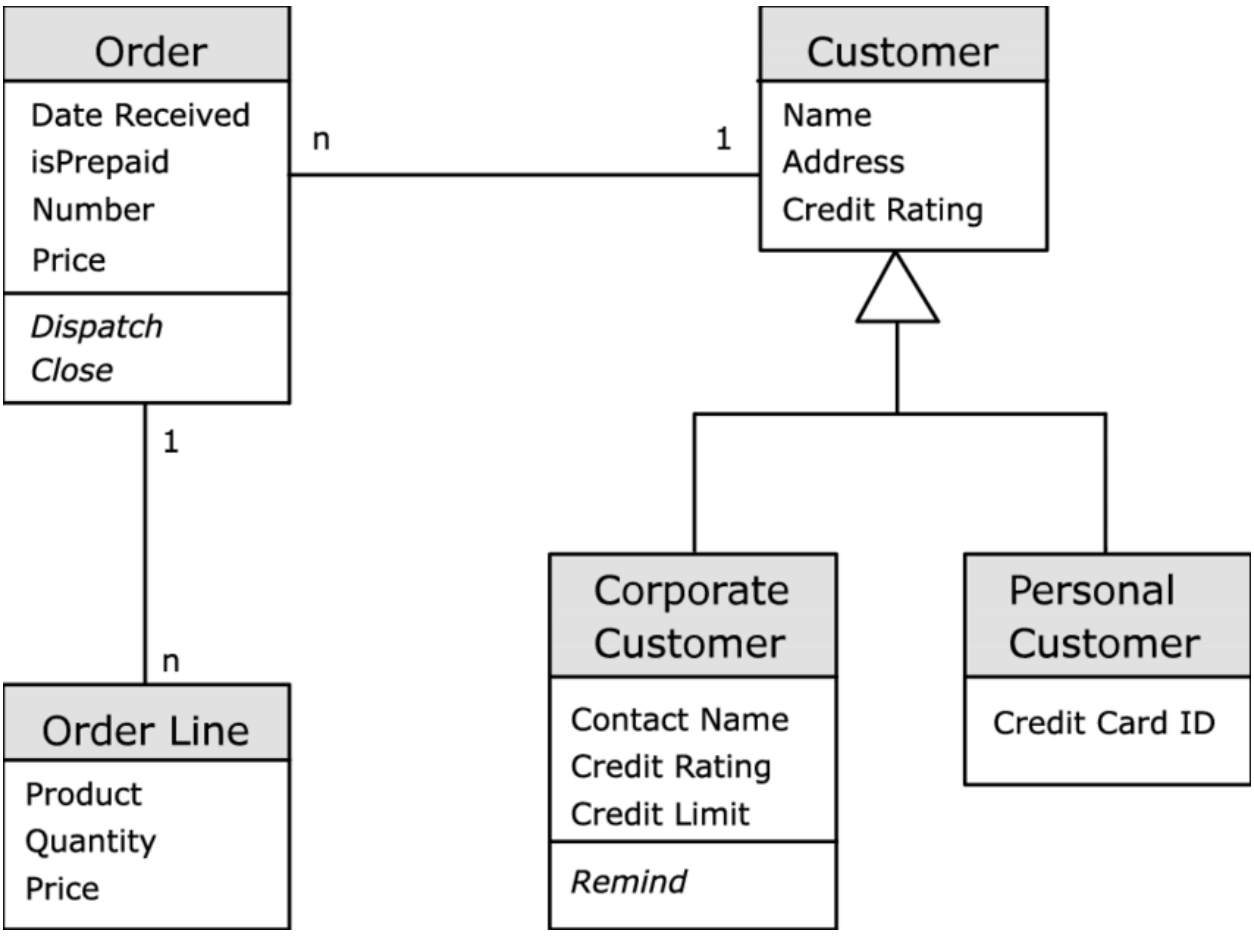

EmployeeTest
+_main(args: String[])
Employee
-firstName: String
-lastName: String
-birthDate: Date
-hireDate: Date
«constructor» Employee(...)
+toString(): String
*
2
Date
-month: int
-day: int
-year: int
-_DAYS_PER_MONTH: int[]
«constructor» Date(month: int, day: int, year: int)
+toString(): String


Point
-x:int = 0
-y:int = 0
+Point()
+Point(x:int, y:int)
+getX():int
+setX(x:int):void
+getY():int
+setY(y:int):void
+toString():String
+getXY():int[2]
+setXY(x:int, y:int):void
+distance(x:int,y:int):double
+distance(another:Point):double
+distance():double
"(x,y)"
Return a 2-element int array of {x,y}
Return the distance from this instance to the given (x,y)
Return the distance from this instance to the given Point instance another
Return the distance from this to (0,0)


Circle
-center:Point = {0, 0}
-radius:double = 1.0
+Circle()
+Circle(xCenter:int,yCenter:int,
radius:double)
+Circle(center:Point,
radius:double)
+getRadius():double
+setRadius(radius:double):void
+getCenter():Point
+setCenter(center:Point):void
+getCenterX():int
+setCenterX(x:int):void
+getCenterY():int
+setCenterY(y:int):void
+getCenterXY():int[2]
+setCenterXY(x:int,y:int):void
+toString():String
+getArea():double
+getCircumference():double
+distance(another:Circle):double
1
Point
-x:int
-y:int
"Circle[center=(x,y),radius=r]"


Circle
-radius:double = 1.0
-color:String = "red"
+Circle()
+Circle(radius:double)
+Circle(radius:double,color:String)
+getRadius():double
+setRadius(radius:double):void
+getColor():String
+setColor(color:String):void
+toString():String
+getArea():double
Superclas
Subclass
extends
Cylinder
-height:double = 1.0
+Cylinder()
+Cylinder(height:double)
+Cylinder(height:double,radius:double)
+Cylinder(height:double,radius:double,
Color:String)
+getHeight():double
+setHeight(height:double):void
+toString():String
+getVolume():double


Point2D
-x:int = 0
-y:int = 0
+Point2D()
+Point2D(x:int, y:int)
+getX():int
+setX(x:int):void
+getY():int
+setY(y:int):void
+toString():String
"(x,y)"
Point3D
-z:int = 0
+Point3D()
+Point3D(x:int,y:int,z:int)
+getZ():int
+setZ(z:int):void
+toString():String
"(x,y,z)"


Order
Date Received
isPrepaid
Number
Price
Dispatch
Close
n
1
Customer
Name
Address
Credit Rating
1
n
Order Line
Product
Quantity
Price
Corporate Customer
Contact Name
Credit Rating
Credit Limit
Remind
Personal Customer
Credit Card ID