::ManagementCompany

-MAX_PROPERTY = 5: int
-mgmFeePer: double
-name: String
-properties: Property[]
-taxID: String
-MAX_WIDTH = 10: int
-MAX_DEPTH = 10: int
-plot: Plot

+ManagementCompany(): ctor
+ManagementCompany(String name, String taxID, double mgmFee): ctor
+ManagementCompany(String name, String taxID, double mgmFee, int x, int y, int width, int depth): ctor
+ManagementCompany(ManagementCompany otherCompany): ctor
+addProperty(Property property): int
+addProperty(String name, String city, double rent, String owner): int
+addProperty(String name, String city, double rent, String owner, int x, int y, int width, int depth): int
+getMAX_PROPERTY(): int
+getName(): String
+getPlot(): Plot
+displayPropertyAtIndex(int i): String
+maxPropertyRent(): String
+maxPropertyRentIndex(): int
+totalRent(): double
+toString(): String

::Property

-city, owner, propertyName: String
-rentAmount: double
~plot: Plot

+Property(): ctor
+Property(Property p): ctor
+Property(String propertyName, String city, double rentAmount, String owner): ctor
+Property(String propertyName, String city, double rentAmount, String owner, int x, int y, int width, int depth): ctor
+getCity(): String
+setCity(String city): void
+getOwner(): String
+setOwner(String owner): void
+getPropertyName(): String
+setPropertyName(String propertyName): void
+getRentAmount(): double
+setRentAmount(double rentAmount): void
+getPlot(): Plot
+setPlot(Plot plot): void
+toString(): String

::Plot

-x, y, width, depth: int

+Plot(): ctor
+Plot(Plot p): ctor
+Plot(int x, int y, int width, int depth): ctor
+overlaps(Plot plot): boolean
+encompasses(Plot plot): boolean
+getX(): int
+setX(int x): void
+getY(): int
+setY(int y): void
+getWidth(): int
+setWidth(int width): void
+getDepth(): int
+setDepth(int depth): void
+toString(): String