```
x_coordinate: double
y_coordinate: double
-counter: int = 0
-id: String
                                                                                                                                                                                                                                                                                                                                                                            Circle
-radius: double
-id_counter: int = 0
+toString(): String
+area(): double
+perimeter(): double
+volume(): double
                                                                                                                                                                                                     CelestialBody

#center: Point
#radius: double
#name: String
-counter: int = 0
#Oid: String
                                                                                                                                                                                                     Planet
min_distance: doubl

-planets: Planet

-num_planets: int

-counter: int = 0

+toString(): String

+area(): double

+perimeter(): double
                                                                                                                                                                                                                                                                                                                                                                                               Moon
```