

```
1 class TrackableObject:
2     def __init__(self, objectID, centroid):
3         # store the object ID, then initialize a list of centroids
4         # using the current centroid
5         self.objectID = objectID
6         self.centroids = [centroid]
7
8         # initialize a boolean used to indicate if the object has
9         # already been counted or not
10        self.counted = False
```