```
from ultralytics import YOLO
import sys
# Diccionari clau: nom-video, valor: objecte a detectar
objectNames = {
    'Alladin': 'person',
    #'Aquarium1':'person',
    #'Aquarium2':'person',
    'Badminton1':'person',
    'Badminton2':'person',
    'Basketball': 'person',
    'Bharatanatyam': 'person',
    'Bike':'person',
    'Billiards1': 'sports ball',
    'Billiards2': 'sports ball',
    'Boat': 'boat',
    'Boxing1':'person',
    'Boxing2':'person',
    'Boxing3':'person',
    'BreakfastClub': 'person',
    'CarChasel':'car',
    'CarChase2':'car',
    'CarChase3':'car',
    'Dashcam':'car',
    'DriftCar1':'car'
    'DriftCar2':'car',
    'Dronel':'person',
    'Drone2': 'person',
    'Drone3':'person',
    'Elephants': 'elephant'
    'Helicopter':'airplane',
    'Hideaway':'person',
    'IceSkating':'person',
    'ISS':'person',
    'Jet1': 'airplane',
    'Jet2': 'airplane',
    'Jet3': 'airplane',
    'Jet4': 'airplane',
    'Jet5': 'airplane',
    'KinBall1': 'sports ball',
    'KinBall2': 'sports ball',
    'KinBall3': 'sports ball',
    'Lion':'cow',
    'Mohiniyattam': 'person',
    'MotorcycleChase':'motorcycle',
    'Parakeet':'bird',
    'PolarBear1': 'bear'
    'PolarBear2':'bear',
    'PolarBear3': 'bear',
    'Puppies1':'dog',
    'Puppies2':'dog',
    'Rope':'person',
    'Sam': 'person',
    'Violonist': 'person',
    #'ZebraFish':'person'
}
# Retorna cantonada de dalt a l'esquerra de la caixa
def yoloBoxToTopLeft(coordinates, width, height):
    (cx, cy) = ((coordinates[0]+coordinates[2])/2, (coordinates[1]+coordinates[3])/2)
    minx = cx - width/2
    miny = cy - height/2
    return (minx, miny)
# Retorna Overlapping Ratio
def overlapRatio(xmin1, ymin1, xmin2, ymin2, width, height):
    xmax1 = xmin1 + width
    xmax2 = xmin2 + width
```

model = YOLO("yolov8m.pt")

#per a un sol video rebut com a parà metre #videoname = sys.argv[1] #runVideo(videoname, model) #per a fer-los tots for v in objectNames.keys(): runVideo(v, model, method)