Task-1

Task –1(a)

- Take a picture of rack attached having bottles of different brands
- Scan the image and propose computer-vision based solution to count the bottle of brands Fanta & Dr. Pepper.

  a. Candidates can also specify the boundaries of their algorithm.

AND

Task –1(b)

- Write a function which will segment and extract the text overlay "Bart & Homer's EXCELLENT Adventure" in provided image as input. Output will be an Image with only the overlay visible and everything else white

OR

Task-2

- Take the aerial image attached. Detect and count the human in the image.
- *Compute net average IOU of the detections against the ground truth (Image is not pre-labeled so candidate can generate the ground truth)*

  a. Candidate can also specify assumptions and boundaries of their solution.