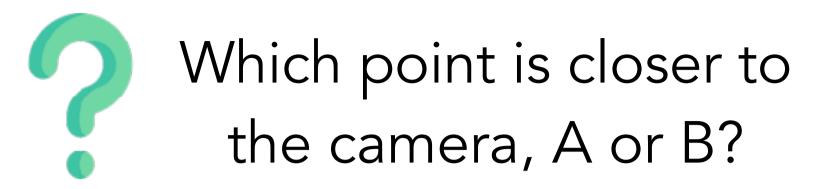
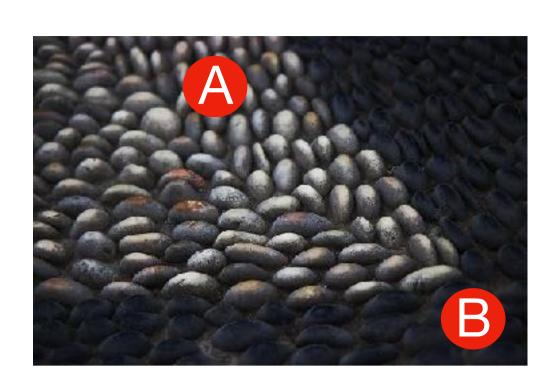
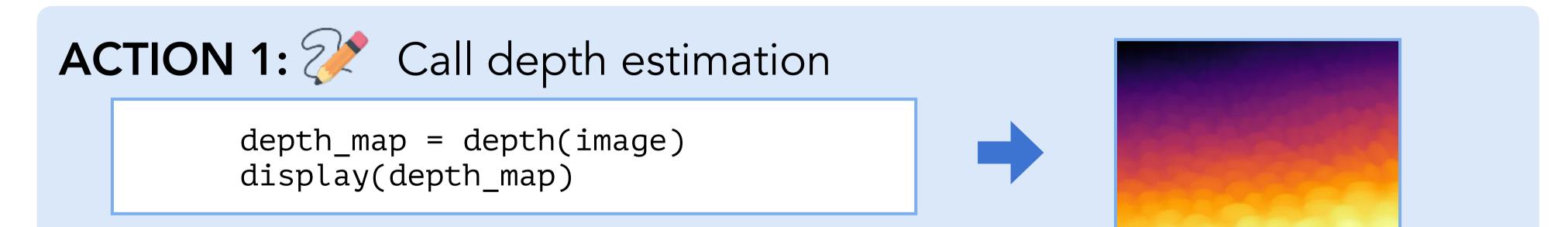
Relative depth

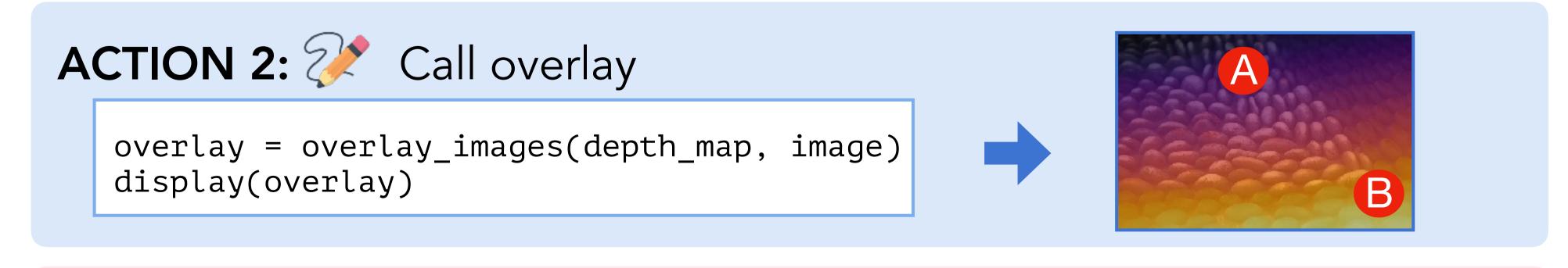




THOUGHT 1: I can use a depth estimation tool that provides a depth map with colors indicating distances.

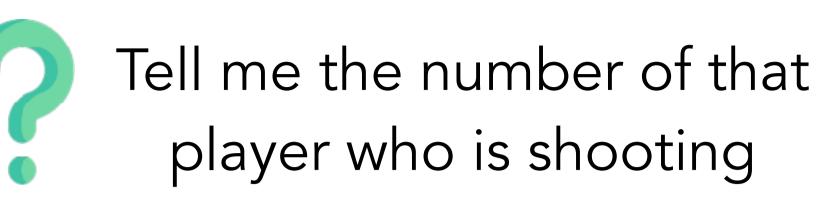


THOUGHT 2: The depth map uses colors from purple (farther) to yellow (closer). I need to overlay the original image with the depth map



THOUGHT 3: It is evident that point B, in the yellow region, is closer to the camera compared to point A, which is in the purple region

Visual Search





THOUGHT 1: I need to detect the players in the image and zoom in on the player who is shooting to see the number clearly

```
ACTION 1: W Call object detection
```

new_img, boxes = detection(image_1, ["player"])
display(new_img.annotated_image)





THOUGHT 2: From the image, Player2 seems to be shooting. I need to zoom in on this player to see the number on their jersey clearly

ACTION 2: Call zoom-in

shooter = boxes[1]
zoomed = zoom_in_image_by_bbox(image_1, shooter)
display(zoomed)





THOUGHT 3: From the zoomed-in image, I can clearly see that the number of the player who is shooting is 8