As part of the hiring process for the Data Scientist position, we would like you to complete a test task that mainly evaluates your coding skills and secondarily your approach to solving data transformation problems. We advise you to write your code in a clean and organized manner, following best practices for coding style and formatting. You will have a few days to complete this task, and we expect you to present your code and a live execution of the script during the interview process.

I) The goal of this task is to write a script that transforms the given dataset into a specific JSON format. The dataset that you will be working with is available at https://cocodataset.org/#keypoints-2017 . Your task is to transform this dataset into a JSON structure with the below shown format.

Please note that you need to replace "123" with the actual image ID from the dataset and include the appropriate values for "meta_info", "x", "y", "z", and "visibility". Your solution should be able to handle multiple images and body parts, and the JSON structure should have one object per image.

We look forward to seeing your solution.

```
[
{
        "image_id": "123",
        "meta_info": {...},
        "body_parts": {
                "nose": {
                        "x": 3,
                        "y": 4,
                        "z": 14,
                        "visibility": 0
                },
                ...
        }

},
{
        ...
},
...
]
```