**Image Captioning**

**Aim:** This project is used to give description of an image using Artificial intelligence.

Example: If we give below image as input.



Our model will generate description of this image as below:

“two men are playing soccer”

**Concepts used**:

1. Image processing
2. Convolutional neural networks
3. ResNet50
4. Word Embedding
5. Natural language processing
6. Recurrent neural networks
7. LSTM
8. Deep learning

**How to use:** Put images for which we want to generate captions in Images folder. Then Run Caption\_it file in jupyter-notebook. At end, all images will be printed with their descriptions.