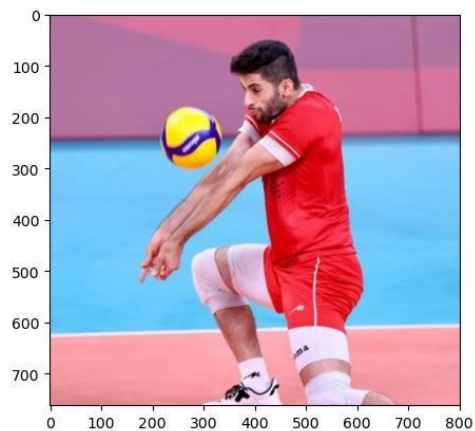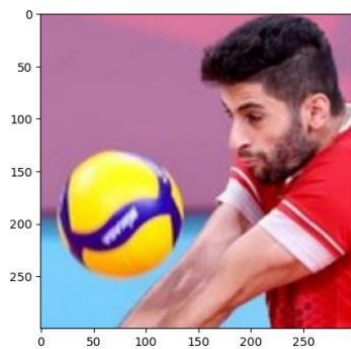# تمرین اول

نرگس خاتمی

```python
import cv2
import numpy as np
import matplotlib.pyplot as plt
image = cv2.imread('images/volleyball.JPG')
plt.imshow(image[...,::-1])
```



```python
height, width = image.shape[:2]
# Simply use indexing to crop out the rectangle we desire
cropped = image[50:350 , 200:500]
plt.imshow(cropped[...,::-1])
```
<matplotlib.image.AxesImage at 0x1ff90a532e0>


```python
cv2.imshow("original", image)
cv2.imshow("cropped", cropped)
cv2.waitKey()
cv2.destroyAllWindows()
```