In [1]:
```python
import cv2
import numpy as np
import matplotlib.pyplot as plt
```
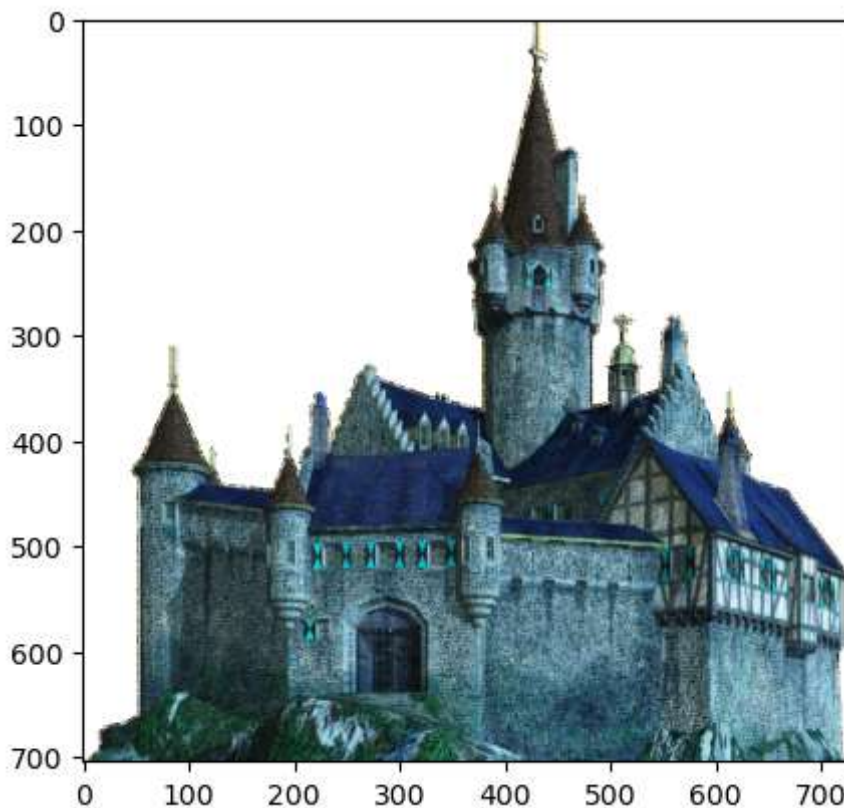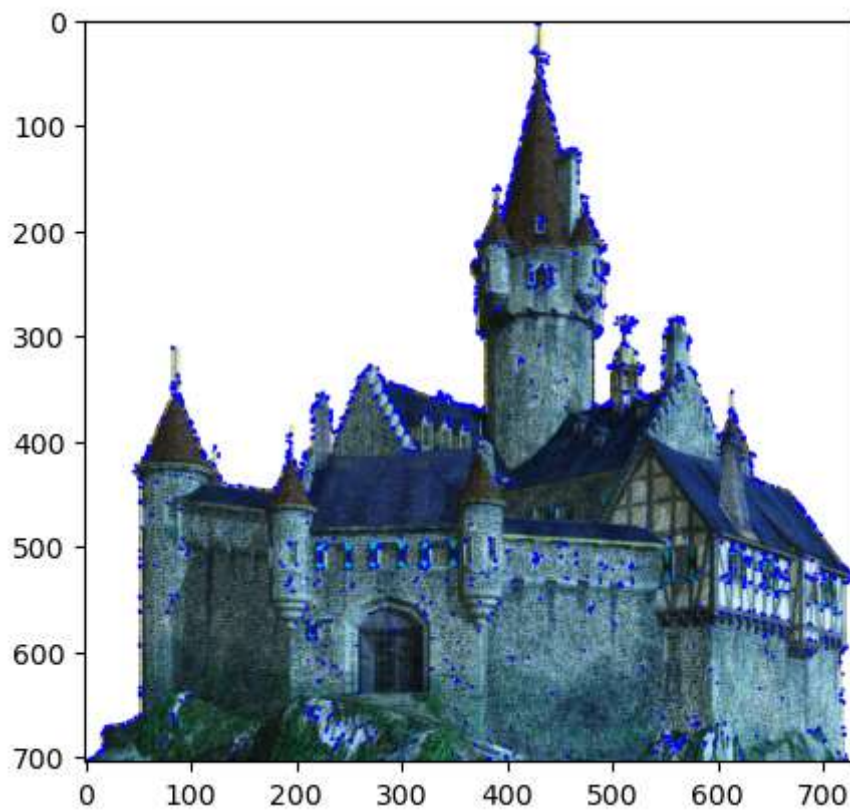
In [2]:
```python
img = cv2.imread('castle.png')
img_gray = cv2.cvtColor(img, cv2.COLOR_BGR2GRAY)
img_gray = np.float32(img_gray)
plt.imshow(img)
```

Out[2]: <matplotlib.image.AxesImage at 0x29ad0219ae0>

In [3]:
```python
corner_img = cv2.cornerHarris(img_gray, 2, 5, 0.07)
corner_img = cv2.dilate(corner_img, None)
img[corner_img > 0.01 * corner_img.max()]=[0, 0, 255]
plt.imshow(img)
```

Out[3]: <matplotlib.image.AxesImage at 0x29ad08a0eb0>

In [ ]: