

```
import cv2
import numpy as np
import os
image_path = r"C:\Users\K.B.S PRADEEP\Downloads\image_search_1708233870475.jpg"

if not os.path.exists(image_path):
    print(f"Error: File not found at:\n{image_path}")
else:
    image = cv2.imread(image_path)

    if image is None:
        print("Error: Unable to load image. It might be corrupted.")
    else:
        gray = cv2.cvtColor(image, cv2.COLOR_BGR2GRAY)

        gray_float = np.float32(gray)

        harris_corners = cv2.cornerHarris(gray_float, blockSize=2, ksize=3, k=0.04)

        harris_corners = cv2.dilate(harris_corners, None)

        image[harris_corners > 0.01 * harris_corners.max()] = [0, 0, 255]

        cv2.imshow("Original Image", image)
        cv2.imshow("Harris Corner Detection", image)

        cv2.imwrite("harris_corners.jpg", image)

        cv2.waitKey(0)
        cv2.destroyAllWindows()
```


