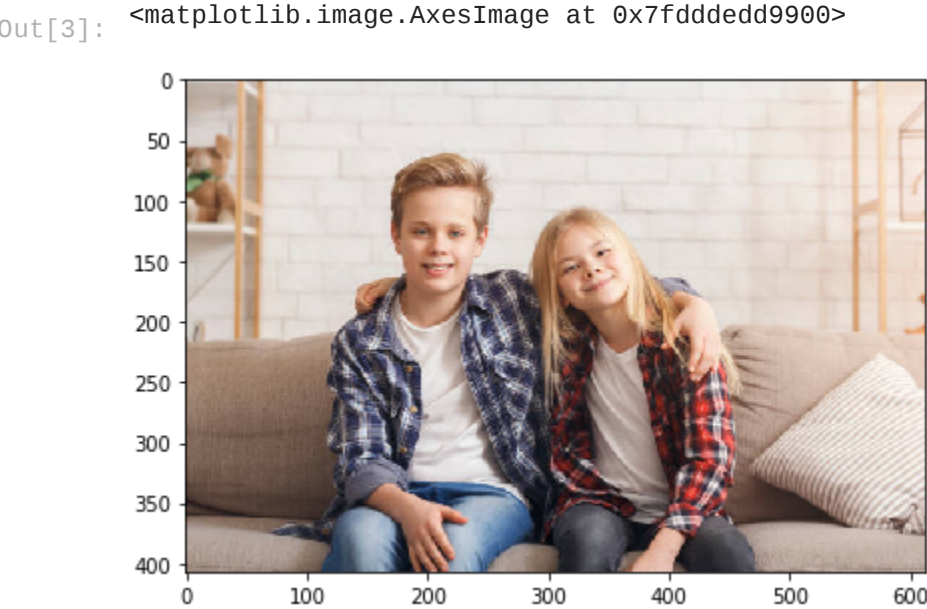


Create any of the image processing projects using Numpy and Open cv

```
In [1]: from skimage import io
import numpy as np
import matplotlib.pyplot as plt
```

```
In [2]: siblings_image = io.imread('img.jpg')
```

```
In [3]: io.imshow(siblings_image)
```



```
In [4]: origin_px = siblings_image[0,0]
```

```
In [5]: x,y,z = np.shape(siblings_image)
```

```
In [6]: middle_px = siblings_image[x//2, y//2,z//2]
```

```
In [7]: def scanLine(f, I=0, loc="row"):
    if loc=="row":
        return f[I,:]
    elif loc == "col":
        return f[:,I]
```

```
In [8]: s = scanLine(siblings_image, x//2, "row")
```

```
In [9]: plt.plot(s)
plt.xlabel("pixel column")
plt.ylabel("intensity")
```

