

Exercice 3.18 - Solution :

```
import matplotlib.pyplot as plt
```

```
import numpy as np
```

```
import os
```

```
import sys
```

```
img1 = plt.imread("./images/image1.jpg", 0)
```

```
img2 = plt.imread("./images/image2.jpg", 0)
```

```
img3 = plt.imread("./images/image3.jpg", 0)
```

```
img4 = plt.imread("./images/image4.jpg", 0)
```

En cas d'erreur : `ModuleNotFoundError: No module named 'PIL'` , installer pillow : `pip install pillow`

```
myfig = plt.figure( figsize = (10, 7) )
```

```
ax1 = plt.subplot(2, 2, 1)
```

```
ax1.set_title('Ete')
```

```
ax1.imshow(img1)
```

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```
ax2 = plt.subplot(2, 2, 2)  
ax2.set_title('Hiver')  
ax2.imshow(img2)
```

```
ax3 = plt.subplot(2, 2, 3)  
ax3.set_title('Automne')  
ax3.imshow(img3)
```

```
ax4 = plt.subplot(2, 2, 4)  
ax4.set_title('Printemps')  
ax4.imshow(img4)
```

```
plt.show()
```