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PYTHON



BASICS

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- Last time we've introduced the image manipulation and today we'll do more example about this.
- Also functions we'll be introduced.
- But let me spend few minutes in something that is more practical.

Manipulate files and directories

- Some easy example to manipulate files:

```
>>> import os
```

```
>>> os.getcwd()
```

```
'/Users/paolacelio/Desktop/Paola_2019/Python/Python basis 2019/lesson5'
```

```
>>> print(os.getcwd())
```

```
/Users/paolacelio/Desktop/Paola_2019/Python/Python basis 2019/lesson5
```

```
>>> os.chdir('../')
```

```
>>> print(os.getcwd())
```

```
/Users/paolacelio/Desktop/Paola_2019/Python/Python basis 2019
```

```
>>> os.chdir('./lesson5')
```

```
>>> print(os.getcwd())
```

```
/Users/paolacelio/Desktop/Paola_2019/Python/Python basis 2019/lesson5
```

```
>>> os.listdir()
```

```
[]
```

```
>>> os.chdir('../')
```

```
>>> print(os.listdir())
```

```
['ai_samples', '.DS_Store', 'lesson1_image_ex.py', 'lesson5', 'Image examples', 'lesson2_intro',  
'my_pygame', 'test_ai', 'myimages', 'lesson1_resume_examples.txt', 'email_contatti.txt',  
'book_examples']
```

```
>>> os.listdir()
```

```
['ai_samples', '.DS_Store', 'lesson1_image_ex.py', 'lesson5', 'Image examples', 'lesson2_intro',  
'my_pygame', 'test_ai', 'myimages', 'lesson1_resume_examples.txt', 'email_contatti.txt',  
'book_examples']
```

- Of course you can write this code into a script like this

```
import os  
  
entries = os.listdir('./')  
  
for entry in entries:  
  
    print(entry)
```

- Or using a Path library:

```
from pathlib import Path  
  
entries = Path('./')  
  
for entry in entries.iterdir():  
  
    print(entry.name)
```

You can find a more detailed description [here](#).