



Working Directory Operations

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Objective

- check the current working directory
- create a new working directory
- create subfolders inside it
- change working directory

1. Working Directory

- or called working space, or folder, where we store our codes and files
- Writing and running codes need a working directory

2. Create a New Working Directory

- Open Command Prompt, PowerShell Prompt, or Windows Terminal if traditional Python installed and set to the path
- Open Anaconda Prompt, or Anaconda PowerShell Prompt if Anaconda Python installed

```
D:  
mkdir workspace
```

3. Create subfolders in the working directory

```
cd workspace  
mkdir data,images,results
```

4. Check Current Working Directory (CWD)

- Open Command Prompt, PowerShell Prompt, or Windows Terminal if traditional Python installed and set to the path
- Open Anaconda Prompt, or Anaconda PowerShell Prompt if Anaconda Python installed

```
Python  
import os  
os.getcwd()
```

5. Change Current Working Directory(CMD)

- Open Command Prompt, PowerShell Prompt, or Windows Terminal if traditional Python installed and set to the path
- Open Anaconda Prompt, or Anaconda PowerShell Prompt if Anaconda Python installed

```
Python  
import os  
os.chdir('D:\workspace')
```