**31.How to work with directory in python?**

**Objective:**

* To know how to work with directory in python3.

**Process:**

* **Current directory**

We can get the present working directory using the getcwd() method.

This method returns the current working directory in the form of a string.

* **Change directory**

We can change the current working directory using the chdir() method.

We can use both forward slash (/) or the backward slash (\) to separate path elements.

* **Create new directory**

We can make a new directory using the mkdir() method.

If the full path is not specified, the new directory is created in the current working directory.

* **Rename a directory**

We can rename a directory by using rename().

* **Remove a directory**

We can remove a directory by using rmdir().

**Input:**

* Current working directory path
* New working directory path

**Output:**

* New directory
* Removed directory
* Renamed directory

**Source code:**

#import os library

import os

print("Default directory")

print(os.getcwd())

print("\n")

#change the current directory

os.chdir('/home/soft27/soft27/Python')

print("Changed directory")

print(os.getcwd())

print("\n")

#create a new directory

os.mkdir('new files')

print("\*\*\*New Directory\*\*\*")

print(os.listdir())

print("\n")

#renaming a directory

os.rename('new files','new python files')

print("\*\*\*Remnamed directory\*\*\*")

print(os.listdir())

print("\n")

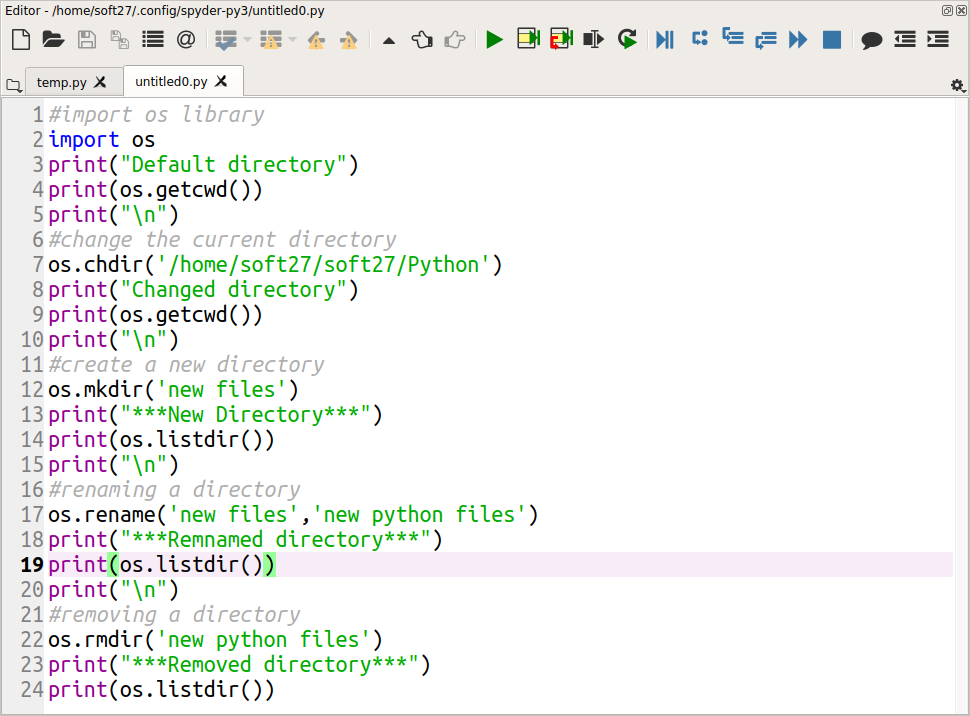
#removing a directory

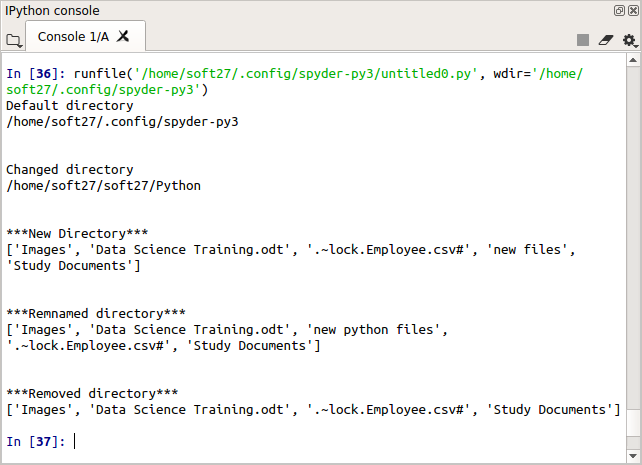
os.rmdir('new python files')

print("\*\*\*Removed directory\*\*\*")

print(os.listdir())

**Screen shots:**

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