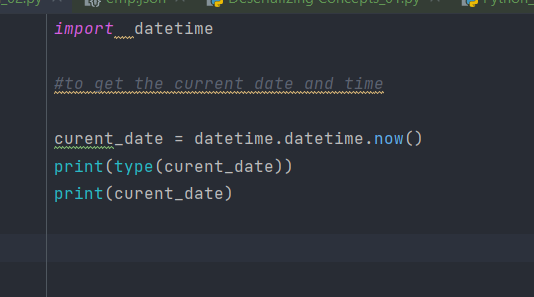
Python – Date and Time Module

**Code to get the current date and time**

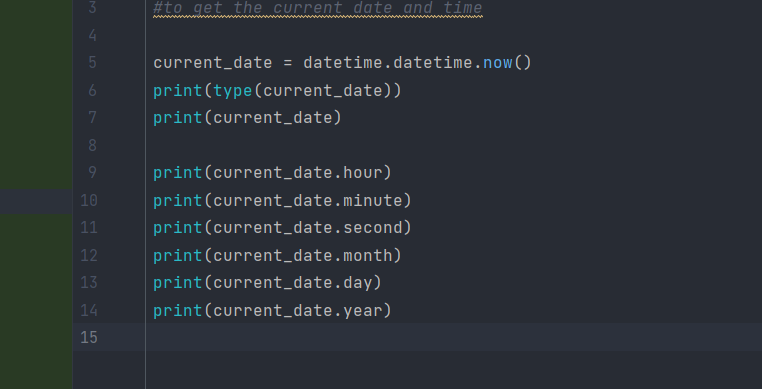
****

**Getting the current date and time**

**Text

Description automatically generated**

To print the current date – time ,month , year , hour , seconds , minutes



A screenshot of a computer

Description automatically generated with medium confidence

Strftime – **useful method to change the format of the returned string**.

<https://strftime.org/>

Graphical user interface

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated

Output: -

Text

Description automatically generated

To convert the date to specific format

Text

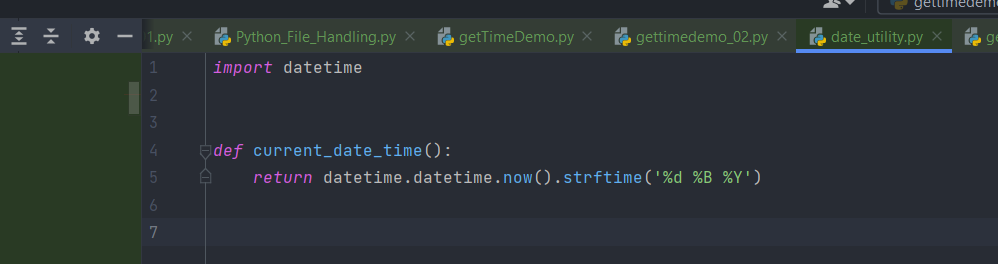
Description automatically generated

Output :-

Graphical user interface, text

Description automatically generated with medium confidence

Let’s create a new function and try to **call the function**: -



Call the function **from the Module**

Text

Description automatically generated

Text

Description automatically generated

Get the time difference between the two dates

Text

Description automatically generated with medium confidence

Output

Graphical user interface

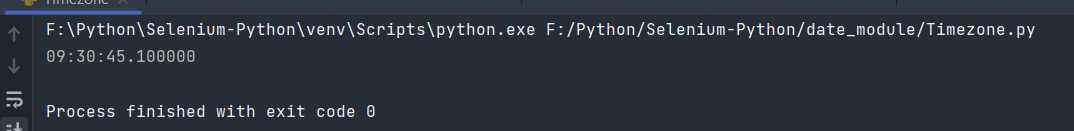
Description automatically generated

Get the time in hours,minutes,seconds and milliseconds

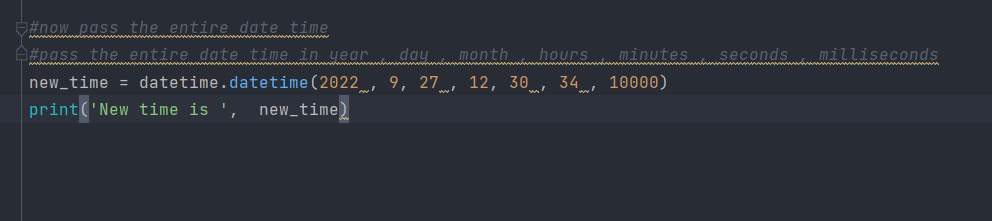
Graphical user interface, text

Description automatically generated

Output:-



Let’s pass **the entire date**



Output: -

Text

Description automatically generated

Now from new\_time – lets get the specific date and time

Text

Description automatically generated

Output :-

Text

Description automatically generated

Let’s try to increase the number of hours by **using the time delta method – and use hours = 24**

Graphical user interface, text

Description automatically generated

Output

Text

Description automatically generated

Text

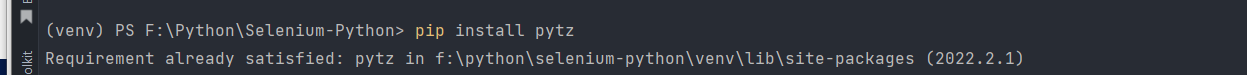
Description automatically generated

Output

Text

Description automatically generated

Install pytz



Time zones

Text

Description automatically generated

Output

Text

Description automatically generated

Converting the string date to the date time object

Using strptime – we can easily convert the string to the date time object

Graphical user interface, text, website

Description automatically generated

Output

Text

Description automatically generated