

```
In [1]: import datetime
```

```
In [2]: print(datetime.datetime.today())
```

```
2024-04-22 08:23:52.802050
```

```
In [55]: from datetime import datetime, timedelta
```

```
In [4]: print(datetime.today())
```

```
2024-04-22 08:23:53.811250
```

```
In [5]: print(dir(datetime))
```

```
['__add__', '__class__', '__delattr__', '__dir__', '__doc__', '__eq__', '__format__', '__ge__', '__getattribute__', '__gt__', '__hash__', '__init__', '__init_subclass__', '__le__', '__lt__', '__ne__', '__new__', '__radd__', '__reduce__', '__reduce_ex__', '__repr__', '__rsub__', '__setattr__', '__sizeof__', '__str__', '__sub__', '__subclasshook__', 'astimezone', 'combine', 'ctime', 'date', 'day', 'dst', 'fold', 'fromisocalendar', 'fromisoformat', 'fromordinal', 'fromtimestamp', 'hour', 'isocalendar', 'isoformat', 'isoweekday', 'max', 'microsecond', 'min', 'minute', 'month', 'now', 'replace', 'resolution', 'second', 'strftime', 'strptime', 'time', 'timestamp', 'timetuple', 'timetz', 'today', 'toordinal', 'tzinfo', 'tzname', 'utcfromtimestamp', 'utcnnow', 'utcoffset', 'utctimetuple', 'weekday', 'year']
```

```
In [7]: print(datetime.now())
```

```
2024-04-22 08:24:37.686624
```

```
In [10]: t = datetime.now()
```

```
In [12]: t.year
```

```
Out[12]: 2024
```

```
In [13]: t.month
```

```
Out[13]: 4
```

```
In [14]: t.day
```

```
Out[14]: 22
```

```
In [15]: t.hour
```

```
Out[15]: 8
```

```
In [17]: t.weekday()
```

```
Out[17]: 0
```

```
In [18]: t.minute
```

```
Out[18]: 25
```

```
In [19]: now = datetime.now()
```

```
In [21]: print(now)
```

```
2024-04-22 08:28:27.475729
```

```
In [23]: print(now.strftime("%d-%m-%Y"))
```

```
22-04-2024
```

```
In [28]: print(now.strftime("%d-%m-%Y %H:%M:%S"))
```

```
22-04-2024 08:28:27
```

```
In [26]: print(now.strftime("%d-%m-%Y %H:%M:%S.%F"))
```

```
22-04-2024 08:28:27.475729
```

```
In [ ]: # "y", "Y" "d" "m"
```

```
In [47]: s = "22 april 2024"
```

```
d = datetime.strptime(s, "%d %B %Y")  
print(d)
```

```
2024-04-22 00:00:00
```

```
In [50]: print(now)
```

```
2024-04-22 08:28:27.475729
```

```
In [ ]:
```

```
In [57]: # Next 5 days
print(now + timedelta(days = 5))
```

2024-04-27 08:28:27.475729

```
In [60]: # Back 10 days
print(now + timedelta(days = -300))
```

2023-06-27 08:28:27.475729

```
In [63]: print(now + timedelta(hours = -2))
```

2024-04-22 06:28:27.475729

time

```
In [64]: import time
```

```
In [65]: time.time()
```

Out[65]: 1713756376.7380726

```
In [70]: print("Please start.....")
time.sleep(10)
print("Complete")
```

Please start.....
Complete

```
In [72]:
```

```
In [ ]:
```