

1. زمان و تاریخ کنونی

```
1.py - C:/Users/Asus/Desktop/datetime/1.py (3.9.1)
File Edit Format Run Options Window Help

import datetime

datetime_object = datetime.datetime.now()
print(datetime_object)
```

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Asus/Desktop/datetime/1.py =====
2021-02-05 01:51:53.972240
>>>
```

2. سال . ماه . روز

```
2.py - C:/Users/Asus/Desktop/datetime/2.py (3.9.1)
File Edit Format Run Options Window Help

from datetime import date

today = date.today()

print("Current year:", today.year)
print("Current month:", today.month)
print("Current day:", today.day)
```

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Asus/Desktop/datetime/2.py =====
Current year: 2021
Current month: 2
Current day: 5
>>>
```

3. ساعت . دقیقه . ثانیه

```
3.py - C:/Users/Asus/Desktop/datetime/3.py (3.9.1)
File Edit Format Run Options Window Help

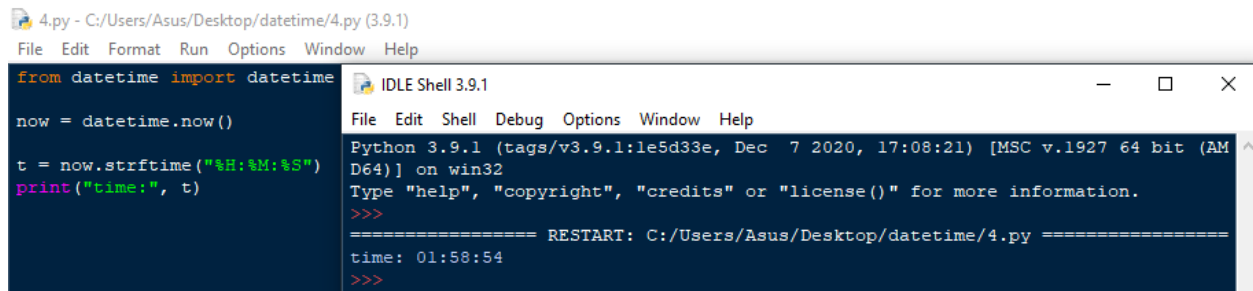
from datetime import time

a = time(11, 34, 56)

print("hour =", a.hour)
print("minute =", a.minute)
print("second =", a.second)
```

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Asus/Desktop/datetime/3.py =====
hour = 11
minute = 34
second = 56
>>>
```

4. نمایش زمان با متغیر



The screenshot shows a Python IDLE Shell window with the following content:

```
4.py - C:/Users/Asus/Desktop/datetime/4.py (3.9.1)
File Edit Format Run Options Window Help

from datetime import datetime

now = datetime.now()
t = now.strftime("%H:%M:%S")
print("time:", t)
```

The output in the shell is:

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/Asus/Desktop/datetime/4.py =====
time: 01:58:54
>>>
```