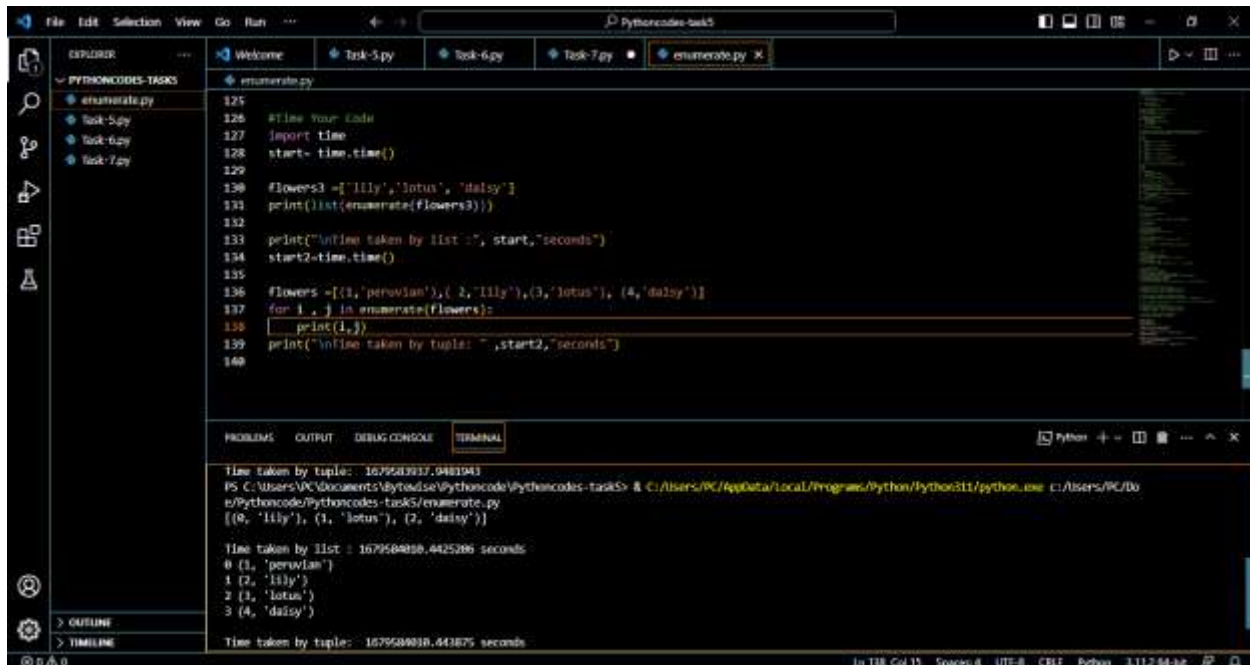


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## Timing piece of code using time() in VS code



The screenshot shows the VS Code interface with a Python file named `enumerate.py` open. The code in the file is as follows:

```
125 #Time Your Code
126 import time
127 start= time.time()
128
129 flowers3 =['lily','lotus', 'daisy']
130 print(list(enumerate(flowers3)))
131
132 print("\nTime taken by list : ", start,"seconds")
133 start2=time.time()
134
135 flowers =[(1,'peruvian'),( 2,'lily'),(3,'lotus'), (4,'daisy')]
136 for i , j in enumerate(flowers):
137     print(i,j)
138
139 print("\nTime taken by tuple: ",start2,"seconds")
140
```

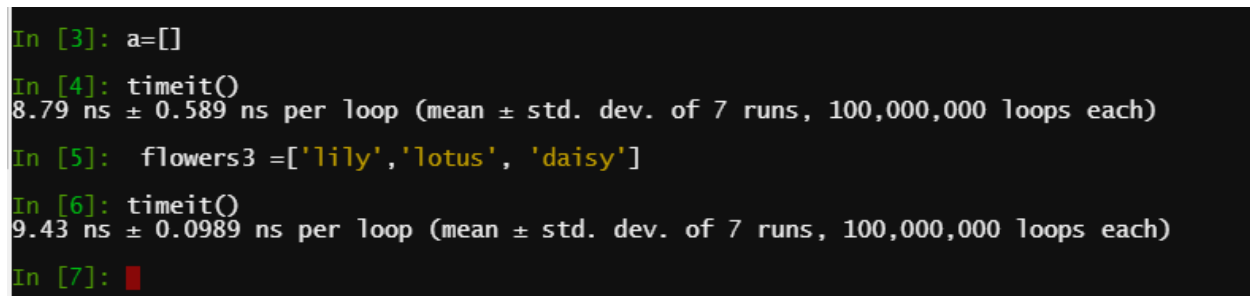
The terminal output shows the execution results:

```
PS C:\Users\VC\Documents\Byte-wise\Pythoncode\Pythoncodes-task5> & C:/Users/VC/AppData/Local/Programs/Python/python311/python.exe c:/Users/VC/Do
e/Pythoncode/Pythoncodes-task5/enumerate.py
[(0, 'lily'), (1, 'lotus'), (2, 'daisy')]

Time taken by list : 1679584008.4425286 seconds
0 (1, 'peruvian')
1 (2, 'lily')
2 (3, 'lotus')
3 (4, 'daisy')

Time taken by tuple: 1679584010.441875 seconds
```

## Checking execution time in Ipython



The screenshot shows the IPython terminal with the following commands and output:

```
In [3]: a=[]
In [4]: timeit()
8.79 ns ± 0.589 ns per loop (mean ± std. dev. of 7 runs, 100,000,000 loops each)
In [5]: flowers3=['lily','lotus', 'daisy']
In [6]: timeit()
9.43 ns ± 0.0989 ns per loop (mean ± std. dev. of 7 runs, 100,000,000 loops each)
In [7]:
```