

The screenshot shows a VS Code editor window with the following components:

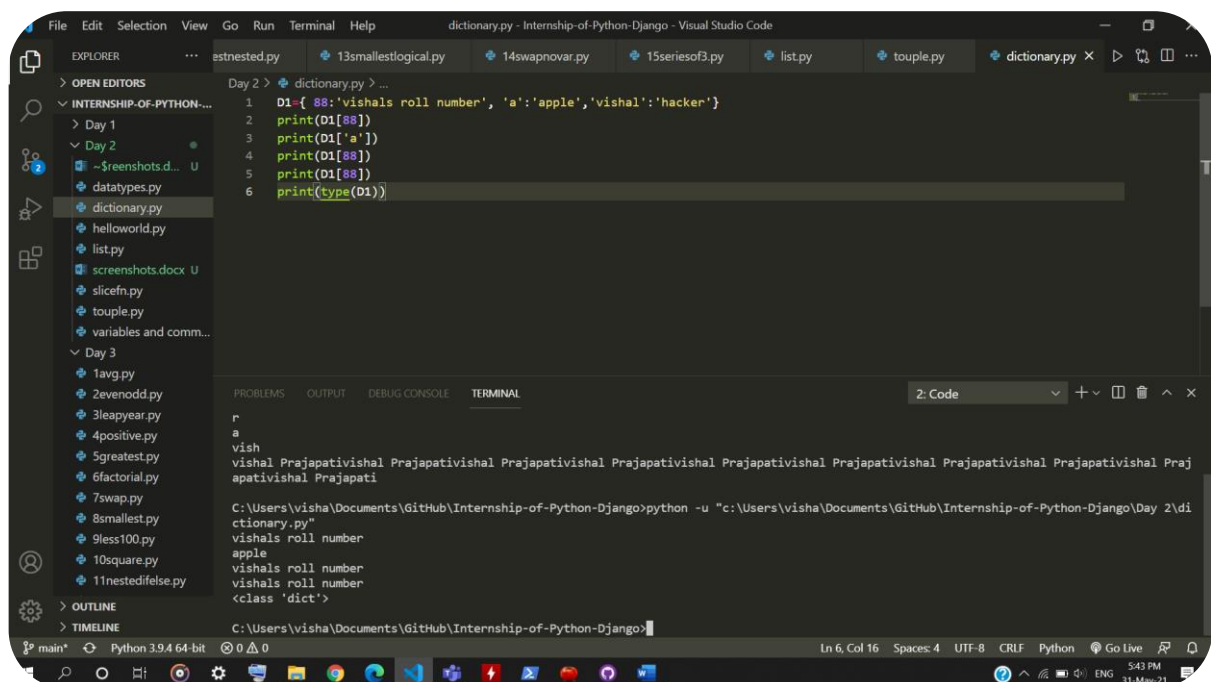
- File Explorer (Left):** Lists files including `datatypes.py`, `dictionary.py`, `helloworld.py`, `list.py`, `slicefn.py`, `tuple.py`, `variables and comm...`, `1avg.py`, `2evenodd.py`, `3leapyear.py`, `4positive.py`, `5greatest.py`, `6factorial.py`, `7swap.py`, `8smallest.py`, `9less100.py`, `10square.py`, `11nestedifelse.py`, `12greatestested.py`, and `13smallestlogical.py`.
- Editor (Center):** Displays the content of `datatypes.py`:

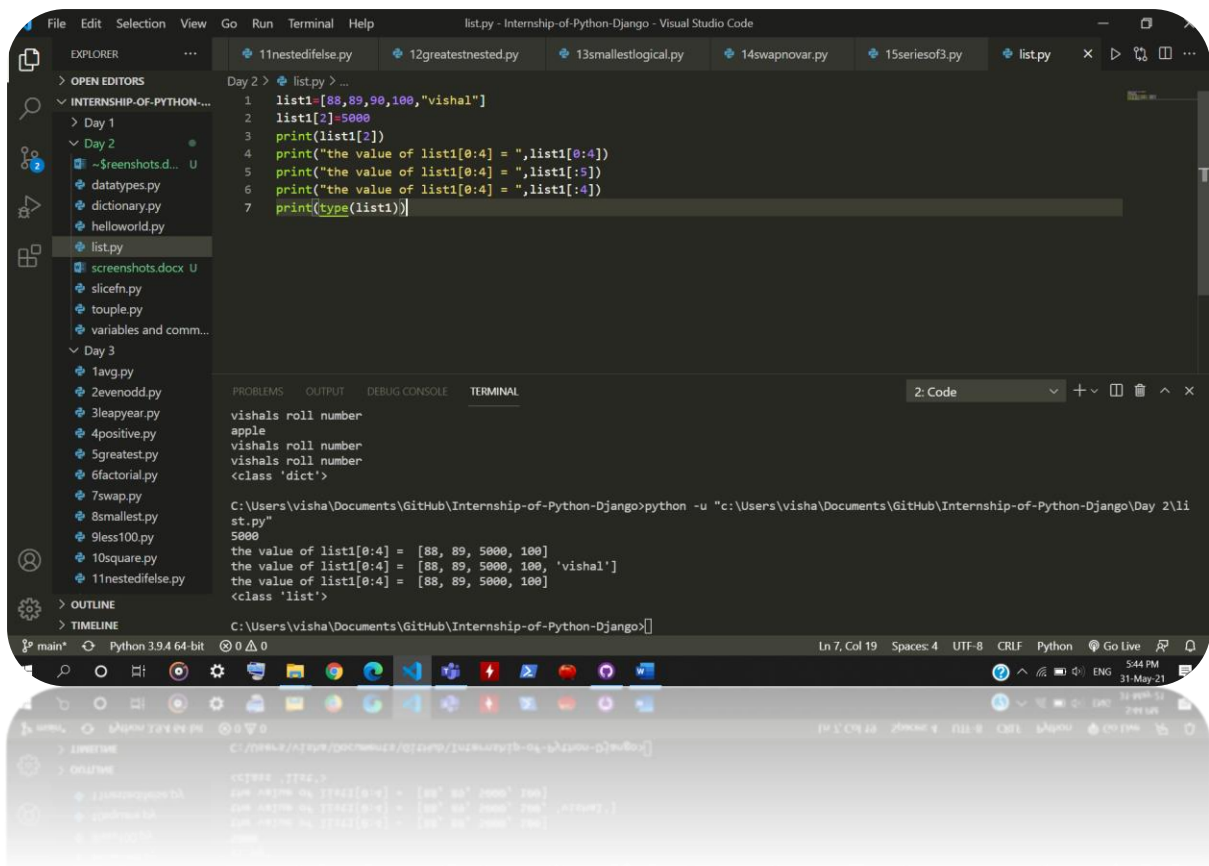

```

1  n1=10
2  print(n1, "is of type", type(n1))
3  print(n1, "is of type", type(n1+n1))
4
5  n2=88.5
6  print(n2, "is of type", type(n2))
7  print(n2, "is complex number?", isinstance(88.5,int))
8  print(n2, "is complex number?", isinstance(88.5,float))
9  print(n2, "is complex number?", isinstance("88.5",str))
10 n3="vishal Prajapati"
11 #slicing
12 print(n3[2:4])
13 print(n3[2*4])
14 print(n3[4])
15 print(n3[:4])
16 print(n3 * 10)
      
```
- Terminal (Bottom):** Shows the output of the script:


```

tatypes.py"
10 is of type <class 'int'>
10 is of type <class 'int'>
88.5 is of type <class 'float'>
88.5 is complex number? False
88.5 is complex number? True
88.5 is complex number? True
sh
r
a
vish
vishal Prajapativishal Prajapativishal Prajapativishal Prajapativishal Prajapativishal Prajapativishal Praj
apativishal Prajapati
      
```
- Taskbar (Bottom):** Shows the Windows taskbar with various application icons and the system clock displaying 5:35 PM on 11/25/21.





```
list.py - Internship-of-Python-Django - Visual Studio Code

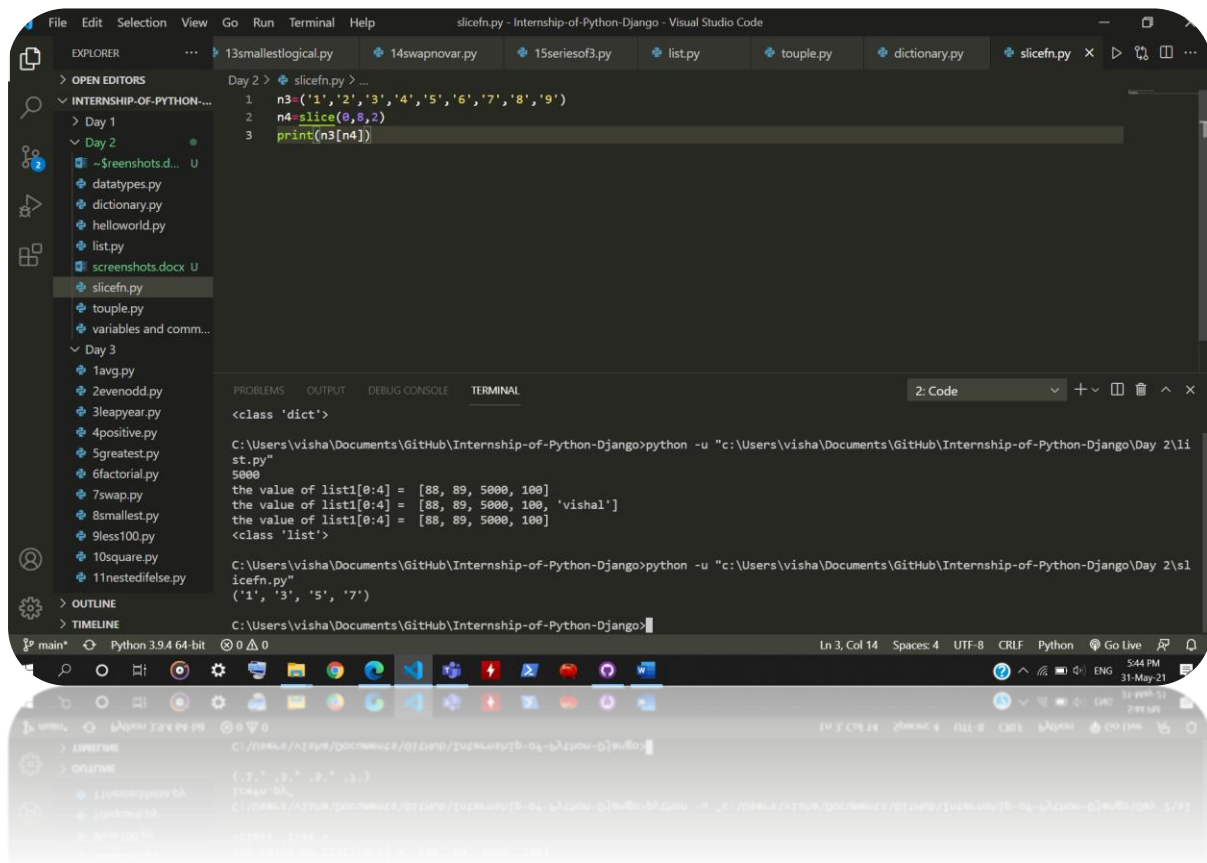
EXPLORER
> OPEN EDITORS
  list.py
  screenshots.docx
  slicefn.py
  tuple.py
  variables and comm...
  Day 2
  Day 1
  Day 3
  1avg.py
  2evenodd.py
  3leapyear.py
  4positive.py
  5greatest.py
  6factorial.py
  7swap.py
  8smallest.py
  9less100.py
  10square.py
  11nestedifelse.py

Day 2 > list.py
1 list1=[88,89,90,100,'vishal']
2 list1[2]=5000
3 print(list1[2])
4 print("the value of list1[0:4] = ",list1[0:4])
5 print("the value of list1[0:4] = ",list1[:5])
6 print("the value of list1[0:4] = ",list1[:4])
7 print(type(list1))

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
2: Code

vishals roll number
apple
vishals roll number
vishals roll number
<class 'dict'>

C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 2\list.py"
5000
the value of list1[0:4] = [88, 89, 5000, 100]
the value of list1[0:4] = [88, 89, 5000, 100, 'vishal']
the value of list1[0:4] = [88, 89, 5000, 100]
<class 'list'>
```



```
slicefn.py - Internship-of-Python-Django - Visual Studio Code

EXPLORER
> OPEN EDITORS
  slicefn.py
  tuple.py
  dictionary.py
  Day 2
  Day 1
  Day 3
  1avg.py
  2evenodd.py
  3leapyear.py
  4positive.py
  5greatest.py
  6factorial.py
  7swap.py
  8smallest.py
  9less100.py
  10square.py
  11nestedifelse.py

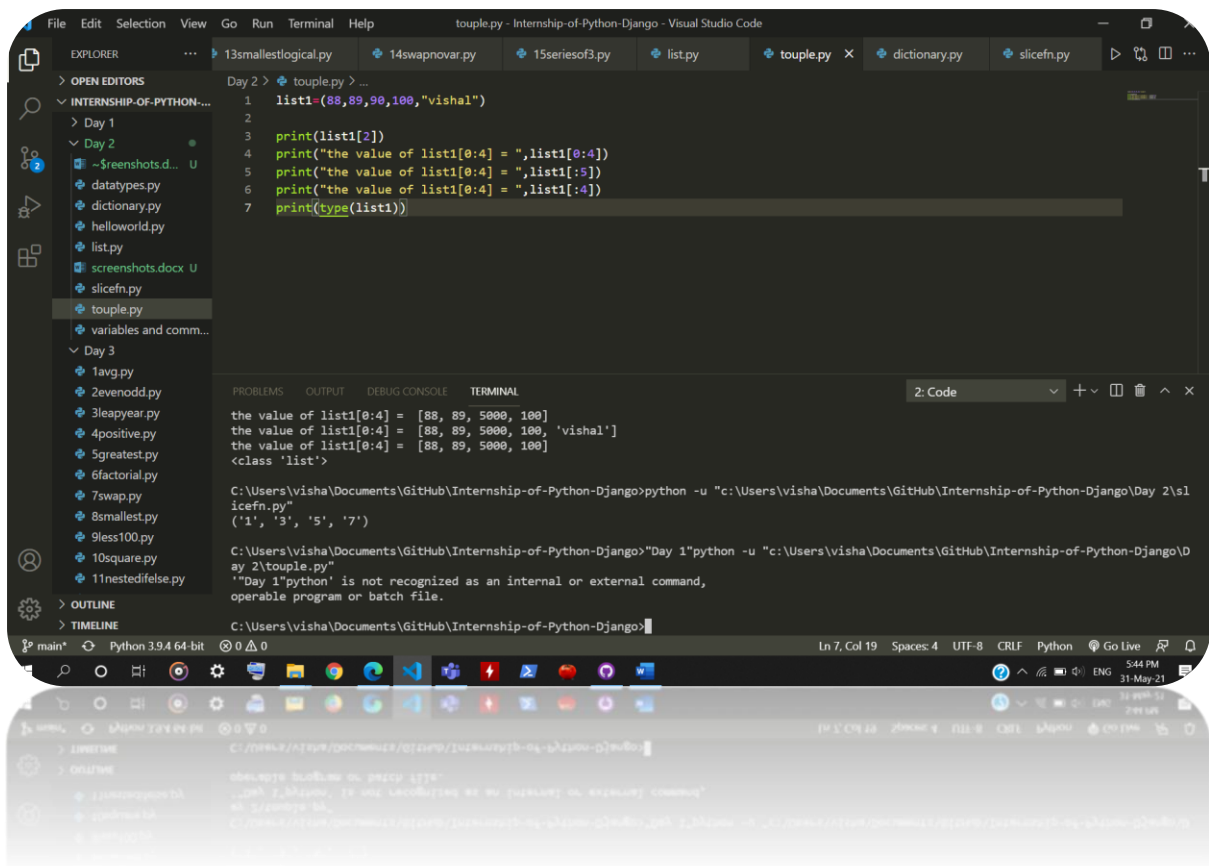
Day 2 > slicefn.py
1 n3=('1','2','3','4','5','6','7','8','9')
2 n4=slice(0,8,2)
3 print(n3[n4])

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
2: Code

<class 'dict'>

C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 2\list.py"
5000
the value of list1[0:4] = [88, 89, 5000, 100]
the value of list1[0:4] = [88, 89, 5000, 100, 'vishal']
the value of list1[0:4] = [88, 89, 5000, 100]
<class 'list'>

C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 2\slicingfn.py"
('1', '3', '5', '7')
```



The screenshot shows the Visual Studio Code interface with a Python file named 'touple.py' open. The file contains the following code:

```
1 list1=(88,89,90,100,"vishal")
2
3
4 print(list1[2])
5 print("the value of list1[0:4] = ",list1[0:4])
6 print("the value of list1[0:4] = ",list1[:5])
7 print("the value of list1[0:4] = ",list1[:4])
8 print(type(list1))
```

The terminal window shows the output of the script:

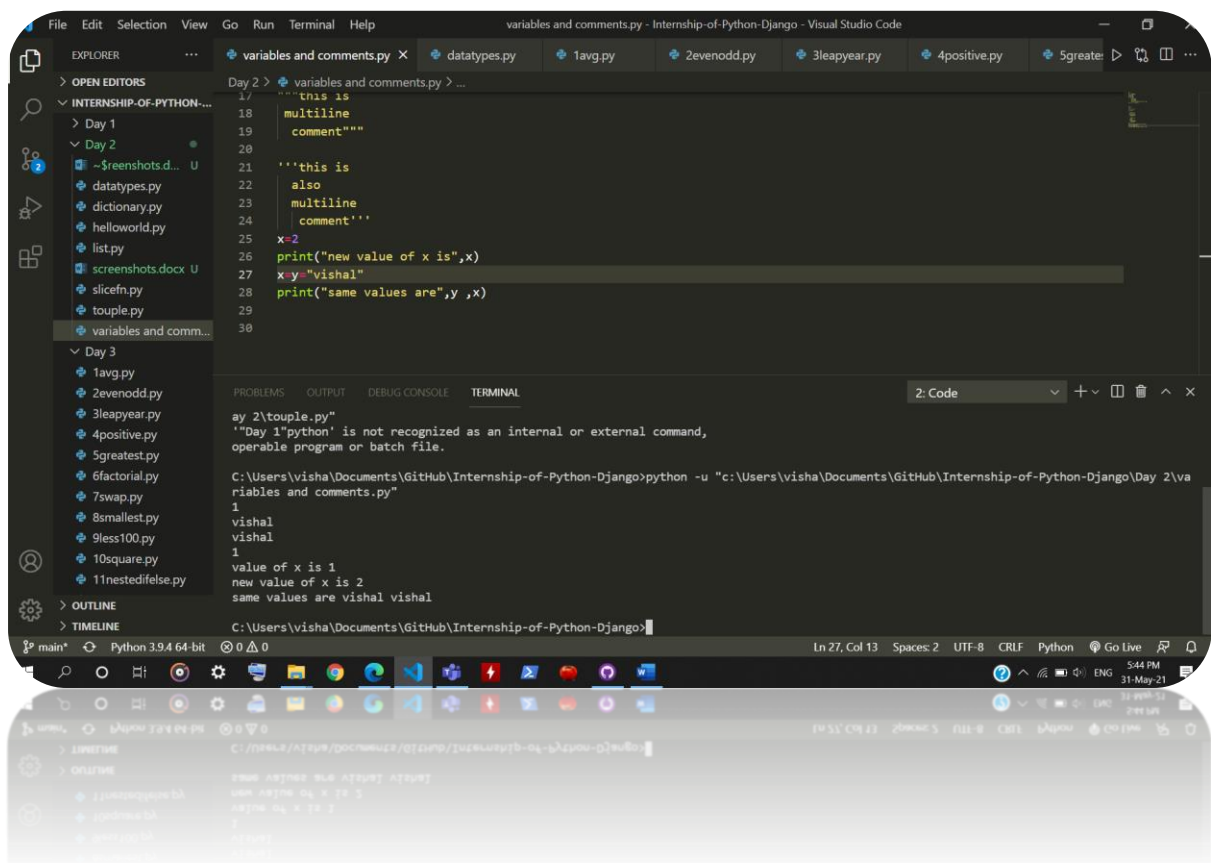
```
the value of list1[0:4] = [88, 89, 90, 100]
the value of list1[0:4] = [88, 89, 90, 100, 'vishal']
the value of list1[0:4] = [88, 89, 90, 100]
<class 'list'>
```

The terminal also shows the command used to run the script:

```
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 2\1\icefn.py"
('1', '3', '5', '7')
```

The terminal also shows the command used to run the script:

```
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>Day 1\python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 2\touple.py"
"Day 1"python is not recognized as an internal or external command,
operable program or batch file.
```



The screenshot shows the Visual Studio Code interface with a Python file named 'variables and comments.py' open. The file contains the following code:

```
17 """this is
18 multiline
19 comment"""
20
21
22 '''this is
23 also
24 multiline
25 comment'''
26
27 x=2
28 print("new value of x is",x)
29 x=y="vishal"
30 print("same values are",y ,x)
```

The terminal window shows the output of the script:

```
ay 2\touple.py"
"Day 1"python is not recognized as an internal or external command,
operable program or batch file.
```

The terminal also shows the command used to run the script:

```
C:\Users\visha\Documents\GitHub\Internship-of-Python-Django>python -u "c:\Users\visha\Documents\GitHub\Internship-of-Python-Django\Day 2\variables and comments.py"
1
vishal
vishal
1
value of x is 1
new value of x is 2
same values are vishal vishal
```