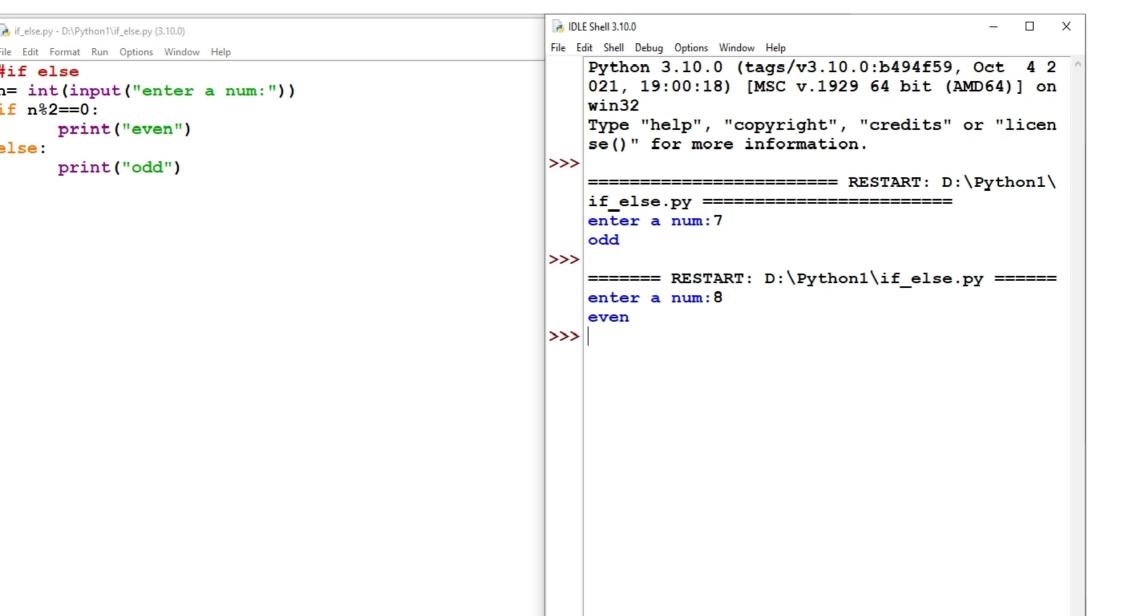
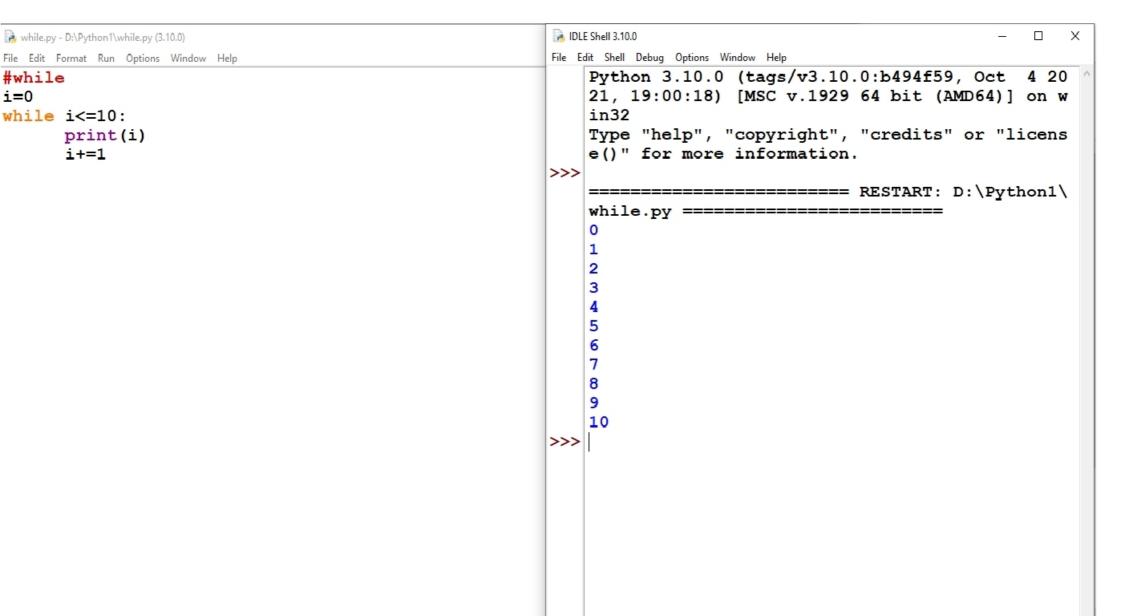
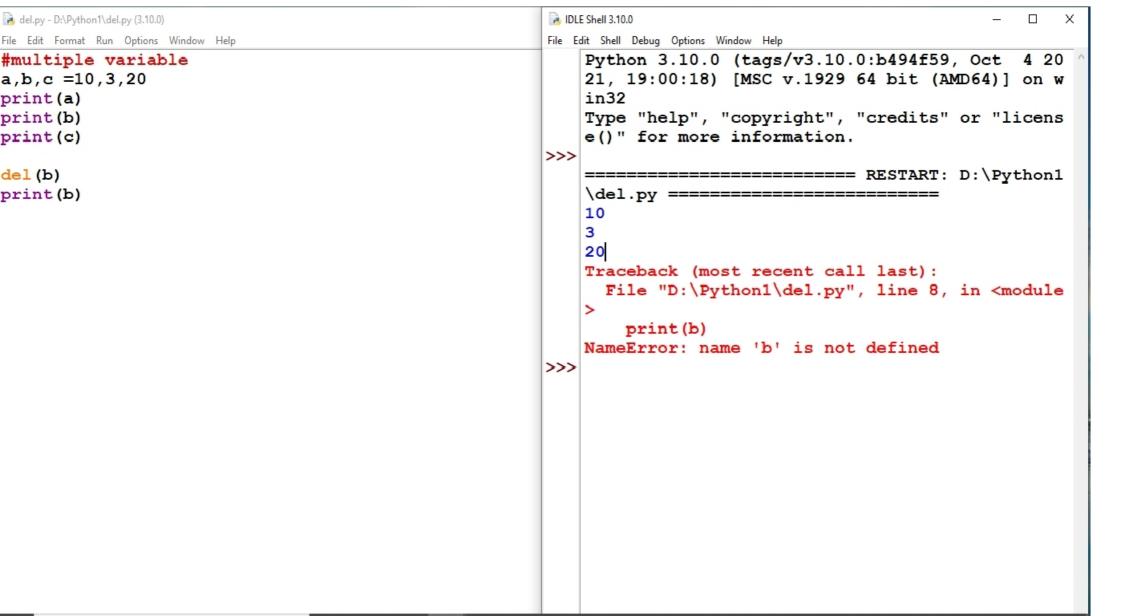
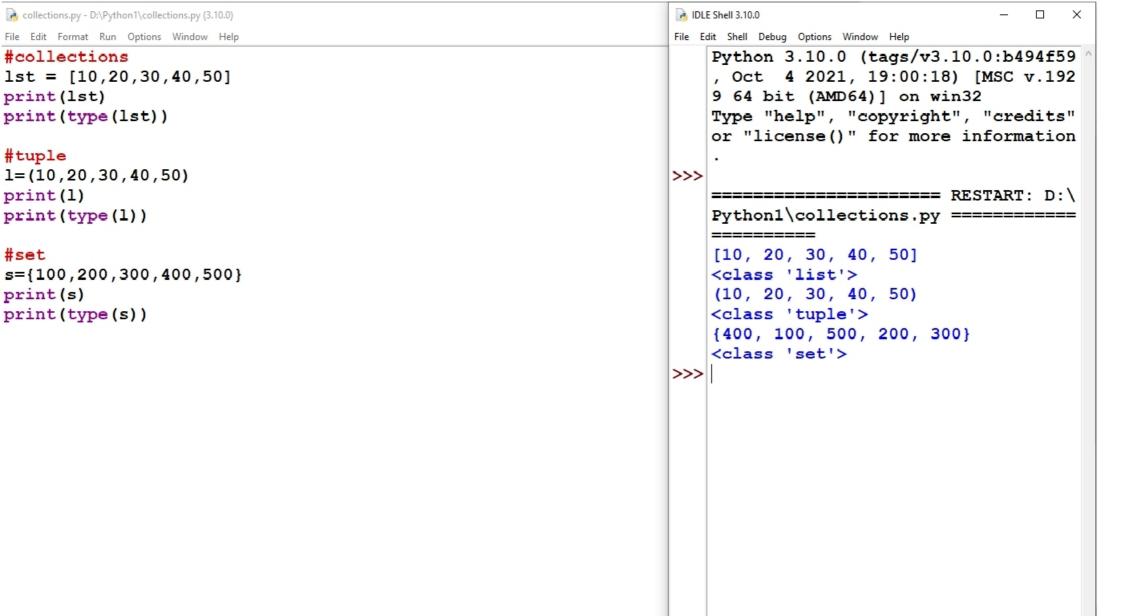


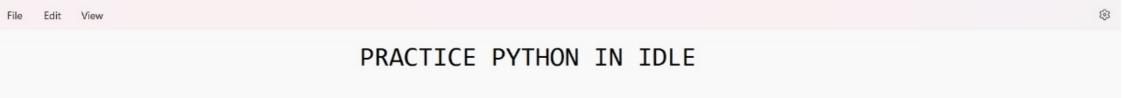
🗟 data_type?.py - D:\Python1\data_type?.py (3.10.0)	■ IDI F Shell 3.10.0 — □ ×
File Edit Format Run Options Window Help	File Edit Shell Debug Options Wirdow Help
a=2+7j print(a) print(type(a))	Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021, 19:00:18) [M SC v.1929 64 bit (AMD64)] on win32  Type "help", "copyright", "credits" or "license()" for more in formation.
b=True print(b) print(type(b))	>>> ==================================
	<class 'bool'=""></class>



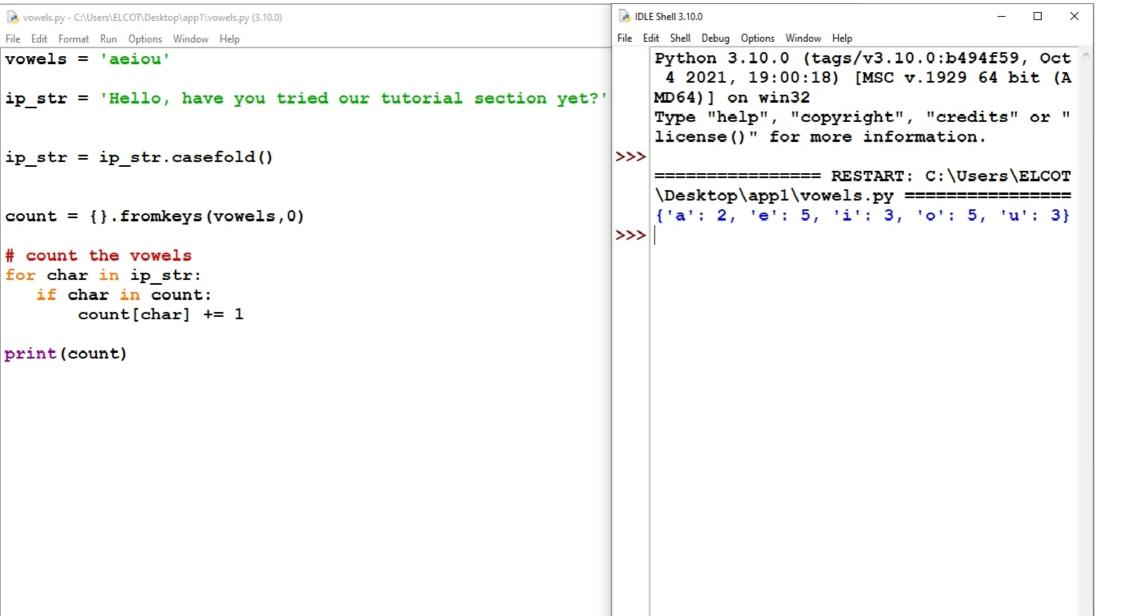








```
primenum_intervals.py - C:\Users\ELCOT\Desktop\app1\primenum_intervals.py (3.10.0)
                                                                      IDLE Shell 3.10.0
                                                                                                                  File Edit Format Run Options Window Help
                                                                      File Edit Shell Debug Options Window Help
                                                                          Python 3.10.0 (tags/v3.10.0:b494f59, 0
lower = 900
                                                                          ct 4 2021, 19:00:18) [MSC v.1929 64 b
upper = 1000
                                                                          it (AMD64)] on win32
print("Prime numbers between", lower, "and", upper, "are:")
                                                                          Type "help", "copyright", "credits" or
                                                                          "license()" for more information.
for num in range(lower, upper + 1):
                                                                      >>>
   # all prime numbers are greater than 1
                                                                          ======= RESTART: C:\Users\ELCOT\Des
   if num > 1:
                                                                          ktop\app1\primenum intervals.py ======
        for i in range(2, num):
                                                                          ====
            if (num % i) == 0:
                                                                          Prime numbers between 900 and 1000 are
                 break
        else:
                                                                          907
                                                                          911
            print(num)
                                                                          919
                                                                          929
                                                                          937
                                                                          941
                                                                          947
                                                                          953
                                                                          967
                                                                          971
                                                                          977
                                                                          983
                                                                          991
                                                                          997
                                                                      >>>
```



```
sumof_list.py - C:\Users\ELCOT\Desktop\app1\sumof_list.py (3.10.0)
                                                            IDLE Shell 3.10.0
                                                                                                                 File Edit Format Run Options Window Help
                                                            File Edit Shell Debug Options Window Help
numbers = [6, 5, 3, 8, 4, 2, 5, 4, 11]
                                                                Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 202
                                                                1, 19:00:18) [MSC v.1929 64 bit (AMD64)] on win
                                                                32
sum = 0
                                                                Type "help", "copyright", "credits" or "license
for val in numbers:
                                                                () " for more information.
    sum = sum + val
                                                           >>>
                                                                ========= RESTART: C:\Users\ELCOT\Desktop\
                                                                app1\sumof list.py =========
print("The sum is", sum)
                                                                The sum is 48
                                                           >>>
```

```
pattern.py - C:\Users\ELCOT\Desktop\app1\pattern.py (3.10.0)
                                                     ▶ IDLE Shell 3.10.0
                                                                                                                 File Edit Format Run Options Window Help
                                                    File Edit Shell Debug Options Window Help
rows = int(input("Enter number of rows: "))
                                                        Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2021, 19:
                                                        00:18) [MSC v.1929 64 bit (AMD64)] on win32
for i in range(rows):
                                                        Type "help", "copyright", "credits" or "license()" fo
    for j in range(i+1):
                                                        r more information.
         print("* ", end="")
                                                    >>>
    print("\n")
                                                         ============ RESTART: C:\Users\ELCOT\Desktop\app1
                                                         \pattern.py ========
                                                        Enter number of rows: 5
                                                         * *
                                                         * * *
                                                    >>>
```

string_palindrome.py - C:\Users\ELCOT\Desktop\app1\string_palindrome.py (3.10.0)	iDLE Shell 3.10.0 − □ ×
ile Edit Format Run Options Window Help	File Edit Shell Debug Options Window Help
Program to check if a string is palindrome or not my_str = 'aIbohPhoBiA'	Python 3.10.0 (tags/v3.10.0:b494f59, Oct 4 2 021, 19:00:18) [MSC v.1929 64 bit (AMD64)] on win32  Type "help", "copyright", "credits" or "licen se()" for more information.
<pre>ny_str = my_str.casefold()</pre>	>>> ========= RESTART: C:\Users\ELCOT\Desktop\a
rev_str = reversed(my_str)	<pre>pp1\string_palindrome.py ====================================</pre>
<pre>if list(my_str) == list(rev_str):     print("The string is a palindrome.") else:     print("The string is not a palindrome.")</pre>	>>>

```
IDLE Shell 3.10.0
Icm.pv - C:\Users\ELCOT\Desktop\app1\Icm.pv (3.10.0)
                                                    File Edit Shell Debug Options Window Help
File Edit Format Run Options Window Help
def compute lcm(x, y):
                                                               Python 3.10.0 (tags/v3.10.0:b494f59, Oct
                                                               4 2021, 19:00:18) [MSC v.1929 64 bit (AMD6
   # choose the greater number
                                                               4) 1 on win32
                                                               Type "help", "copyright", "credits" or "li
   if x > y:
       greater = x
                                                               cense() " for more information.
   else:
                                                           >>>
                                                               greater = y
                                                               \Desktop\app1\lcm.py =========
   while (True):
                                                               The L.C.M. is 216
       if ((greater % x == 0) and (greater % y == 0)):
                                                           >>>
           lcm = greater
           break
       greater += 1
   return 1cm
num1 = 54
num2 = 24
print("The L.C.M. is", compute lcm(num1, num2))
```