

## Python day 2

### Answer 1

```
numbers = [ 386, 462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978, 328, 615,
953,
345, 399, 162, 758, 219, 237, 412, 566, 731, 210, 912, 216, 244, 896, 101, 867, 355,
430 ]
```

```
for num in numbers:
    if num == 237:
        break
    if num % 2 == 0:
        print(num, end=" ")
```



```
un  pythontest2 × : —
:
C:\Users\Aakrosh.LAPTOP-PGDD34UG\AppData\Local\Programs\Python\Python310\python
386 462 418 344 236 566 978 328 162 758
Process finished with exit code 0
```

### Answer 2

```
import os
print(os.path.abspath(__file__))
```



```
:
C:\Users\Aakrosh.LAPTOP-PGDD34UG\AppData\Local\Programs\Python\Python310\python
C:\Users\Aakrosh.LAPTOP-PGDD34UG\OneDrive\Desktop\python\pythontest2.py

Process finished with exit code 0
```

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### Answer 3

```
n = 5
for i in range(1, n + 1):
    for j in range(n - i):
        print(" ", end="")
    for k in range(i, 0, -1):
        print(k, end="")
    for k in range(2, i + 1):
        print(k, end="")
    print()
```

The screenshot shows a terminal window titled "Run" with the session name "pythontest2". The output displays a series of numbers arranged in a descending diagonal pattern:

```
1
212
32123
4321234
543212345
```

Below the output, the message "Process finished with exit code 0" is displayed.

### Answer 4

```
n=input("enter number: ")
dict = {'0':'Zero','1':'One','2':'Two','3':'Three','4':'Four',
        '5':'Five','6':'Six','7':'Seven','8':'Eight','9':'Nine'}
for i in n:
    print(dict[i])
```

The screenshot shows a terminal window titled "Run" with the session name "pythontest2". The user enters the number "5689" at the prompt "enter number: ". The program then prints each digit followed by its corresponding word:

```
enter number: 5689
Five
Six
Eight
Nine
```

Below the output, the message "Process finished with exit code 0" is displayed.

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