

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
```

Python day 2

Answer 3

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

The terminal window shows the execution of the provided Python code. The output consists of five lines of numbers, each starting with a different digit from 1 to 5, followed by a sequence of numbers decreasing from that digit down to 1, and then increasing back up to that digit. The digits are aligned vertically. The terminal also displays the message "Process finished with exit code 0" at the bottom.

```
Run pythontest2 ×
C:\Users\Aakrosh.LAPTOP-PGDD34UG\AppData\Local\Programs\Python\Python310\python
1
212
32123
4321234
543212345

Process finished with exit code 0
```

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 terminal window shows the execution of the provided Python code. It prompts the user to enter a number, which is then processed character by character. Each digit is mapped to its corresponding word using a dictionary. The output shows the words "Five", "Six", "Eight", and "Nine" listed vertically. The terminal also displays the message "Process finished with exit code 0" at the bottom.

```
Run pythontest2 ×
C:\Users\Aakrosh.LAPTOP-PGDD34UG\AppData\Local\Programs\Python\Python310\python
enter number: 5689
Five
Six
Eight
Nine

Process finished with exit code 0
```

Python day 2