Q.1) Write a Python program to print all even numbers from a given list of numbers in the same order. Stop printing if any number that comes after 237 in the sequence is encountered. Sample numbers list : 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] expected output: 386 462 418 344 236 566 978 328 162 758

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]

```python
for i in numbers:
 if i == 237:
   break
 else:
  if i % 2 == 0:
   print(i)
```

o/p:

```
...    386
       462
       418
       344
       236
       566
       978
       328
       162
       758
```

Q.2) Write a python program to get the path and name of the file that is currently executing

```python
import os
print("File name:", os.path.basename(__file__))
print("File path:", os.path.abspath(__file__))
```

Q.3) pattern 1 212 32123 4321234 543212345 Two One

```python
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()
```

Q.4) Write a code to accept a number & print its digits in words . 321 Three Two One

```python
num = input("Enter a number: ")

words = {
    '0': 'Zero',
    '1': 'One',
    '2': 'Two',
    '3': 'Three',
    '4': 'Four',
    '5': 'Five',
    '6': 'Six',
    '7': 'Seven',
    '8': 'Eight',
    '9': 'Nine'
}

for digit in num:
    print(words[digit])
```

```
•••    Enter a number: 321
       Three
       Two
       One
```