```python
# 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 ]

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

```
C:\Users\Admin\AppData\Local\Programs\Python\Python313\python.exe "D:\Python\CCEE\logic test\logic test.py"
386 is even
462 is even
418 is even
344 is even
236 is even
566 is even
978 is even
328 is even
162 is even
758 is even
```

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

import os

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

```
C:\Users\Admin\AppData\Local\Programs\Python\Python313\python.exe "D:\Python\CCEE\logic test\logic test.py"
File name: logic test.py
File path: D:\Python\CCEE\logic test\logic test.py

Process finished with exit code 0
```

```python
# Q.3) pattern
# 1
# 212
# 32123
# 4321234
# 543212345
```

```python
for i in range(1,6):
    for o in range(5-i,0,-1):
        print(" ", end="")
    for j in range(i,0,-1):
        print(j, end="")
    for k in range(2,i+1):
        print(k, end="")
    print()
```

C:\Users\Admin\AppData\Local\Programs\Python\Python313\python.exe "D:\Python\CCEE\logic test\logic test.py"
```
    1
   212
  32123
 4321234
543212345
```

Process finished with exit code 0

Q.4) Write a code to accept a number & print its digits in words .
Ex: 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])
```

C:\Users\Admin\AppData\Local\Programs\Python\Python313\python.exe "D:\Python\CCEE\logic test\logic test.py"
enter a number: 123
one
two
three

Process finished with exit code 0