

```
# 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
```

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
```

Q.3) pattern

```
1
212
32123
4321234
543212345
```

```

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()

```

```

1
212
32123
4321234
543212345

```

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

Ex: 321

Three

Two

One

```
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