

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

Output: C:\Python314\python.exe D:\Python\Python_Logic_Bulding\Test_2.py

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.'''
import os
print(os.getcwd())
```

Output: C:\Python314\python.exe D:\Python\Python_Logic_Bulding\Test_2.py

D:\Python\Python_Logic_Bulding

```
'''Q.3) pattern
1
212
32123
4321234
543212345
'''
```

```

rows = 5

for i in range(1, rows + 1):
    # Print decreasing part
    for j in range(i, 0, -1):
        print(j, end=" ")

    # Print increasing part
    for j in range(2, i + 1):
        print(j, end=" ")

    print()

```

Output:

C:\Python314\python.exe D:\Python\Python_Logic_Bulding\Test_2.py

```

1
212
32123
4321234
543212345

```

```

'''Q.4) Write a code to accept a number & print its digits in words .
Ex: 321
'''

num = int(input("Enter a number: "))

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

for digit in str(num):
    print(digit_words[digit])

```

Output:

C:\Python314\python.exe D:\Python\Python_Logic_Bulding\Test_2.py

Enter a number: 321

Three

Two

One