

Q1. 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 i in numbers:
    if i == 237:
        break
    if i%2==0:
        print(i,end=" ")
```

Output:

```
"C:\Users\Sagar Nikam\AppData\Local\Microsoft\WindowsApps\python3.12.exe" "C:\Users\Sagar Nikam\Desktop\Practice\Python Module\Test\Day2.py"
386 462 418 344 236 566 978 328 162 758
Process finished with exit code 0
```

Q2. Write a python program to get the path and name of the file that is currently executing

```
import os

print(os.path.abspath(__file__))
print(os.path.basename(__file__))
```

Output:

```
"C:\Users\Sagar Nikam\AppData\Local\Microsoft\WindowsApps\python3.12.exe" "C:\Users\Sagar Nikam\Desktop\Practice\Python Module\Test\Day2.py"
C:\Users\Sagar Nikam\Desktop\Practice\Python Module\Test\Day2.py
Day2.py
```

Q3. pattern

1
212
32123
4321234
543212345

```
for i in range(1,7):
    for j in range(6-i):
        print(" ",end="")
    for k in range(1,i):
        print(i-k,end="")
    for l in range(2,i):
        print(l,end="")
    print()
```

Output:

```
"C:\Users\Sagar Nikam\AppData\Local\Microsoft\W

1
212
32123
4321234
543212345
```

Q4. Write a code to accept a number & print its digits in words . Ex: 321 Three Two One

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

var = input()
for i in var:
    print(dict_words.get(int(i)))

"C:\Users\Sagar Nikam\AppData\Local\Microsoft\WindowsApps\python3.12.exe" "C:\Us
Enter Number: 123
One
Two
Three
```