

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

```
for i in numbers:
```

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

op→386 462 418 344 236 566 978 328 162 758

```
"D:\CDAC\Python By Nitin Sir\PythonFiles\.venv\Scripts\python.exe" "D:\  
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("File name is: ",os.path.basename(__file__))  
print("File Path is: ",os.path.abspath(__file__))
```

op→

```
"D:\CDAC\Python By Nitin Sir\PythonFiles\.venv\Scripts\python.exe" "D:\CDAC\Python By Nitin Sir\  
File name is:  Python_test2.py  
File Path is:  D:\CDAC\Python By Nitin Sir\PythonFiles\Python Preparation\Python_test2.py  
  
Process finished with exit code 0
```

Q3) Pattern

```
for i in range(1,6):
    for s in range(i+1,6):
        print(" ",end=" ")
    for j in range(1,i+1):
        print(i-j+1,end=" ")
```

```
# for k in range(1,6):
for h in range(2,i+1):
    print(h,end=" ")
    h=h-1
print()
```

op→

```
"D:\CDAC\Python By Nitin Sir\PythonFiles\.\v
     1
    2 1 2
   3 2 1 2 3
  4 3 2 1 2 3 4
 5 4 3 2 1 2 3 4 5

Process finished with exit code 0
```

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

Three

Two

One

Code→

```
n=int(input('Enter the number: '))
num={0:'Zero',1:'One',2:'Two',3:'Three',4:'Four',5:'Five',6:'Six',7:'Seven',8:'Eight',9:'Nine'}
for i in str(n):
    print(num[int(i)])
```

op->

```
"D:\CDAC\Python By Nitin Sir\PythonFiles\.venv\Scripts\python.exe"
Enter the number: 321
Three
Two
One

Process finished with exit code 0
```