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]

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

output ->

```
"C:\Users\nilay\OneDrive\Desktop\Python Placement Test\.venv\Scripts\python.exe"
386 462 418 344 236 566 978 328 162 758
Process finished with exit code 0
```

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

```python
import os

print("Current file path and name:", os.path.abspath(__file__))
```

output ->

```
Current file path and name: C:\Users\nilay\OneDrive\Desktop\Python Placement Test\022_Nilay Kanire_Placement Prep 2.py
```

Q.3) pattern

```
       1
      212
     32123
    4321234
   543212345
```



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

output ->

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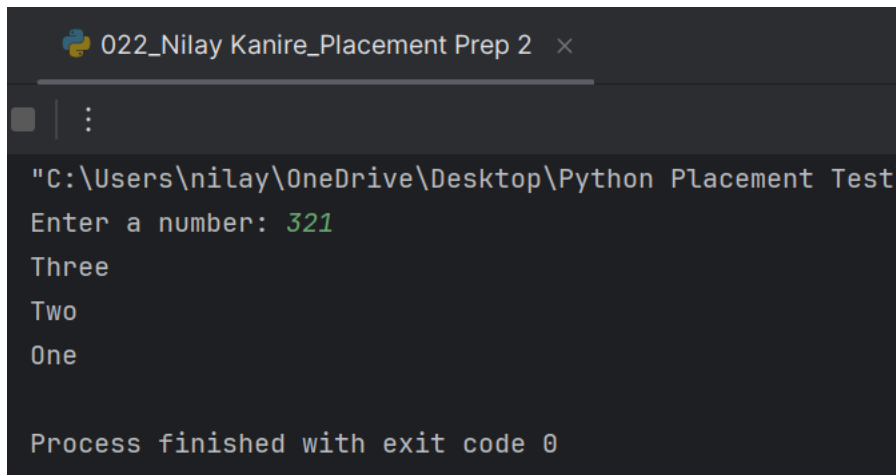   Three
      Two
      One

```python
num = input("Enter a number: ")
digit_to_word = {
  '0': 'Zero',
  '1': 'One',
```

```python
    '2': 'Two',
    '3': 'Three',
    '4': 'Four',
    '5': 'Five',
    '6': 'Six',
    '7': 'Seven',
    '8': 'Eight',
    '9': 'Nine'
}
for digit in num:
    if digit in digit_to_word:
        print(digit_to_word[digit])
    else:
        print("Invalid input")
        break
```

#output ->


```
"C:\Users\nilay\OneDrive\Desktop\Python Placement Test
Enter a number: 321
Three
Two
One

Process finished with exit code 0
```