

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

Code:

```
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:
```

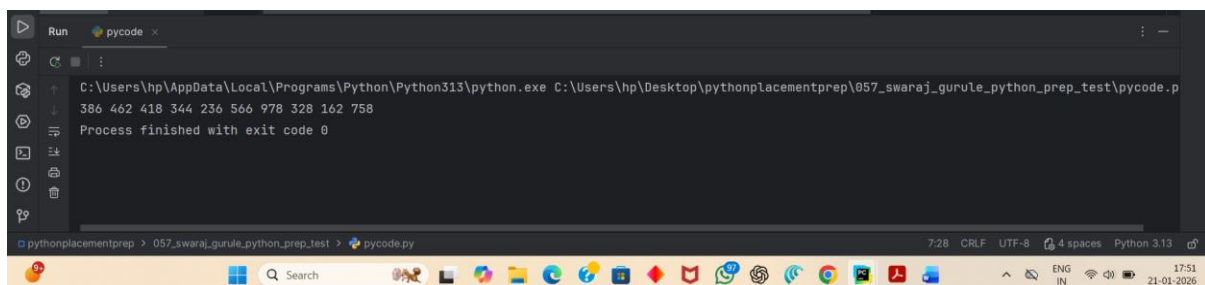
```
    if num == 237:
```

```
        break
```

```
    if num % 2 == 0:
```

```
        print(num, end=" ")
```

Output:



```
Run pycode x
C:\Users\hp\AppData\Local\Programs\Python\Python313\python.exe C:\Users\hp\Desktop\pythonplacementprep\057_swaraj_gurule_python_prep_test\pycode.p
386 462 418 344 236 566 978 328 162 758
Process finished with exit code 0
```

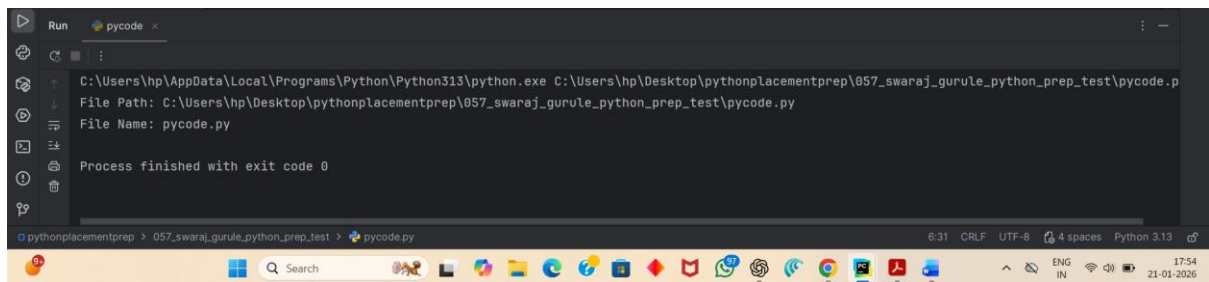
Q.2) Write a python program to get the path and name of the file that is currently executing

Code:

```
import os
file_path = os.path.abspath(__file__)
file_name = os.path.basename(file_path)

print("File Path:", file_path)
print("File Name:", file_name)
```

Output:



```
Run pycode x
C:\Users\hp\AppData\Local\Programs\Python\Python313\python.exe C:\Users\hp\Desktop\pythonplacementprep\057_swaraj_gurule_python_prep_test\pycode.p
File Path: C:\Users\hp\Desktop\pythonplacementprep\057_swaraj_gurule_python_prep_test\pycode.py
File Name: pycode.py
Process finished with exit code 0
```

The screenshot shows a Python IDE window titled 'pycode'. The output pane displays the following text: 'C:\Users\hp\AppData\Local\Programs\Python\Python313\python.exe C:\Users\hp\Desktop\pythonplacementprep\057_swaraj_gurule_python_prep_test\pycode.p', 'File Path: C:\Users\hp\Desktop\pythonplacementprep\057_swaraj_gurule_python_prep_test\pycode.py', 'File Name: pycode.py', and 'Process finished with exit code 0'. The status bar at the bottom indicates the file is 'pythonplacementprep > 057_swaraj_gurule_python_prep_test > pycode.py', the time is 6:31, the encoding is CRLF, the file size is 4 spaces, and the Python version is 3.13. The system tray at the bottom shows the date and time as 17:54 on 21-01-2026.

Q.3) pattern

1

212

32123

4321234

543212345

Code:

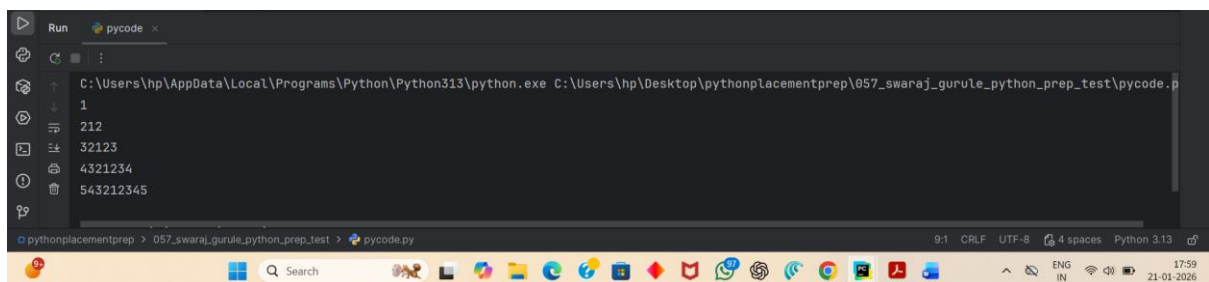
```
n = 5
```

```
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()
```

Output:



```
Run pycode x  
C:\Users\hp\AppData\Local\Programs\Python\Python313\python.exe C:\Users\hp\Desktop\pythonplacementprep\057_swaraj_gurule_python_prep_test\pycode.p  
1  
212  
32123  
4321234  
543212345  
pythonplacementprep > 057_swaraj_gurule_python_prep_test > pycode.py  
9:1 CRLF UTF-8 4 spaces Python 3.13
```

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

Ex: 321

Three

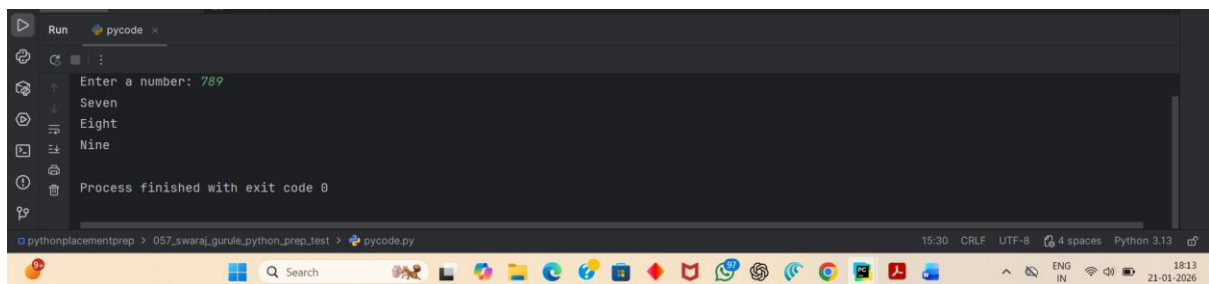
Two

One

Code:

```
num = 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 num:
    print(digit_words[digit])
```

Output:

A screenshot of a Python IDE window titled 'pycode'. The code editor shows the same code as the previous block. The output console on the left displays the execution results: 'Enter a number: 789', followed by 'Seven', 'Eight', and 'Nine' on separate lines. Below the output, it says 'Process finished with exit code 0'. The status bar at the bottom indicates the file path 'pythonplacementprep > 057_swaraj_gurule_python_prep_test > pycode.py', the time '15:30', encoding 'CRLF', 'UTF-8', '4 spaces', and 'Python 3.13'. The Windows taskbar is visible at the very bottom.