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038

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.

ans:

```
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

else:

print(i)

```
C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test2.1.py"
386
462
47
418
907
344
236
375
823
566
597
978
328
615
953
345
399
162
758
219
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

ans:

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

```
C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.2.py"
C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.2.py
Process finished with exit code 0
```

Q.3) pattern

1

212

32123

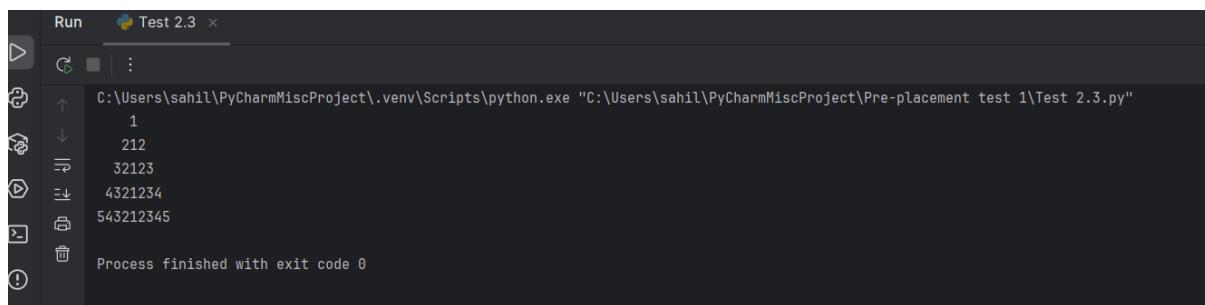
4321234

543212345

ans:

n = 5

```
for i in range(1, n + 1):
    print(" " * (n - i), end="")
    for j in range(i, 0, -1):
        print(j, end="")
    for j in range(2, i + 1):
        print(j, end="")
    print()
```



The screenshot shows the PyCharm interface with the 'Run' tab selected. The title bar says 'Run Test 2.3'. Below it, there's a toolbar with icons for run, stop, and others. The main area displays the output of the Python script. The output starts with the command: 'C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.3.py"'. Following this, five lines of output are shown, each representing a different value of n from 1 to 5. The lines are: '1', '212', '32123', '4321234', and '543212345'. At the bottom of the output window, it says 'Process finished with exit code 0'.

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

Ex: 321

Three

Two

One

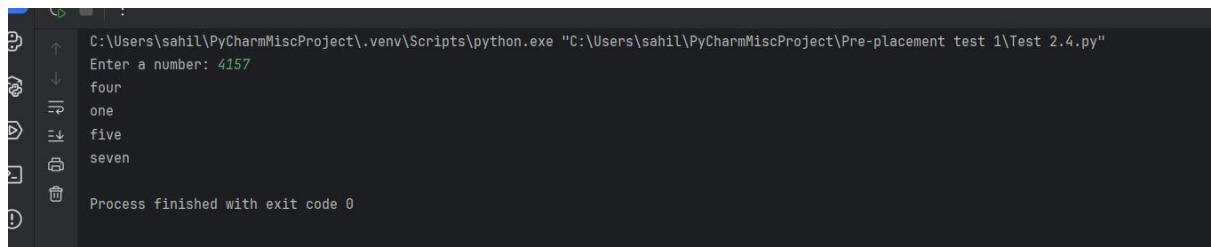
ans:

```
word={'0':'zero','1':'one','2':'two','3':'three','4':'four','5':'five','6':'six','7':'seven','8':'eight','9':'nine','10':'ten'}
```

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

```
for i in num:
```

```
    print(word[i])
```



A screenshot of the PyCharm IDE's terminal window. The terminal interface includes a toolbar with icons for up and down arrows, copy, paste, and others. The main area displays the command line and its output. The command entered was "C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.4.py"". The output shows the user input "Enter a number: 4157" followed by the program's response: "four", "one", "five", and "seven". The message "Process finished with exit code 0" is at the bottom.

```
C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.4.py"
Enter a number: 4157
four
one
five
seven
Process finished with exit code 0
```