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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

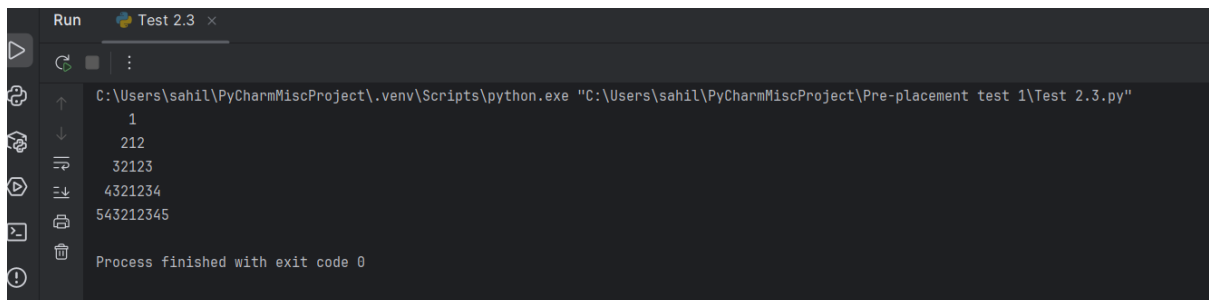
4321234

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()
```



```
Run Test 2.3 x
C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.3.py"
1
212
32123
4321234
543212345
Process finished with exit code 0
```

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

Ex: 321

Three

Two

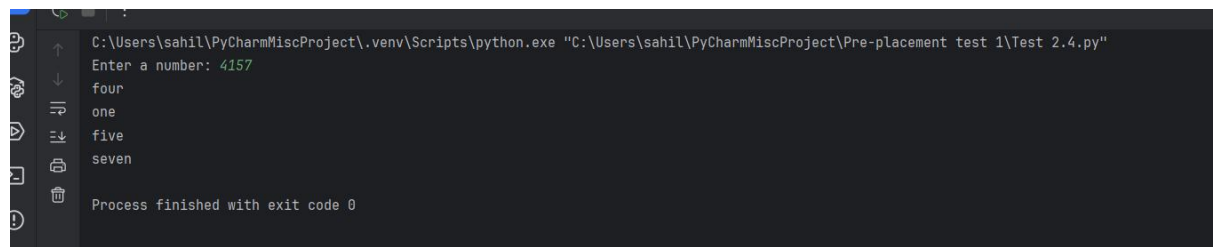
One

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 console window. The console shows the execution of a Python script. The command line at the top is "C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test 2.4.py"". The script prompts "Enter a number: 4157" in green. The output shows the words "four", "one", "five", and "seven" on separate lines. At the bottom, it says "Process finished with exit code 0". On the left side of the console, there is a vertical toolbar with icons for running, debugging, and other actions.

```
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
```