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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

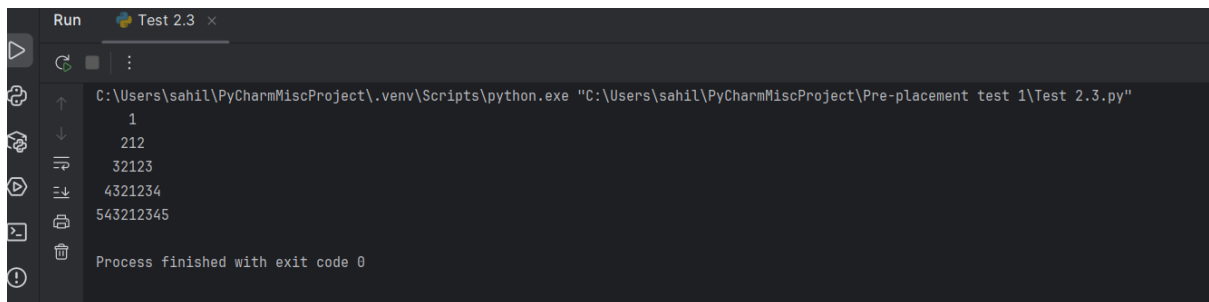
4321234

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 a Python IDE window titled 'Test 2.3'. The output of the program is displayed in the console: 1, 212, 32123, 4321234, 543212345. The process finished with exit code 0.

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

Ex: 321

Three

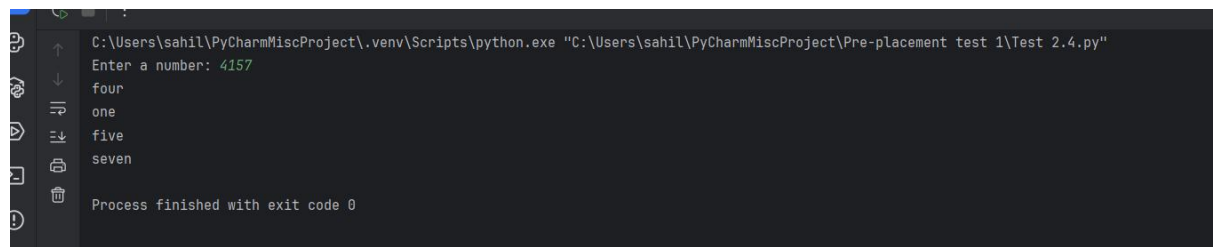
Two

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 a PyCharm console window. The window has a dark theme. On the left, there is a vertical toolbar with icons for running, debugging, and other actions. The main area of the console shows the execution of a Python script. The first line is the command prompt showing the path to the Python interpreter and the script being run. The next line is the prompt 'Enter a number:' followed by the user input '4157'. The script then prints the words 'four', 'one', 'five', and 'seven' on separate lines. The final line shows the process finished with exit code 0.

```
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
```