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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
```

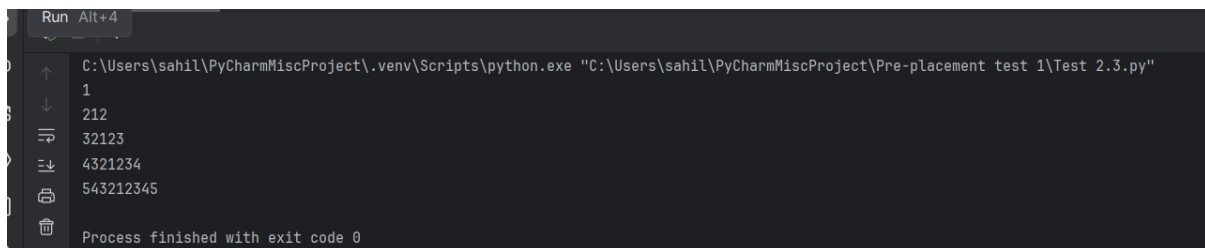
Q.3) pattern

1  
212  
32123  
4321234  
543212345

ans:

n = 5

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



The screenshot shows a terminal window with the command prompt running a Python script. The output of the script is a pattern of numbers: 1, 212, 32123, 4321234, and 543212345, each on a new line. The terminal also shows the file path and the exit code 0.

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

Ex: 321

Three

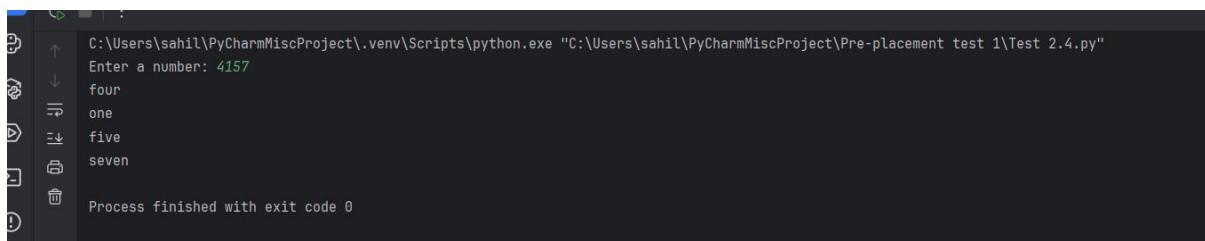
Two

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])
```



The screenshot shows a terminal window with the command prompt running a Python script. The user enters the number 4157. The output of the script is the words 'four', 'one', 'five', and 'seven' printed on separate lines. The terminal also shows the file path and the exit code 0.