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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
```
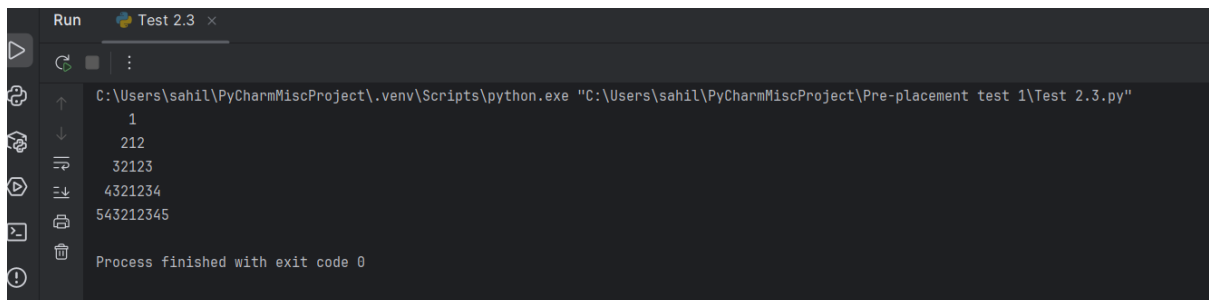
Q.3) pattern
```
  1
 212
32123
4321234
543212345
```
ans:
```python
n = 5
for i in range(1, n + 1):
    print(" " * (n - i), end="")
    for j in range(i, 0, -1):
        print(j, end="")
    for j in range(2, i + 1):
        print(j, end="")
    print()
```

```
Run      🐍 Test 2.3  ×
▷
   ⟳  ■  ⋮
⊕  ↑     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
⊘
```

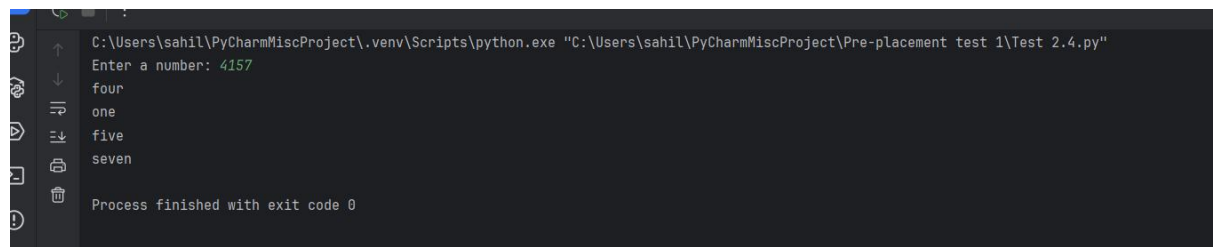Q.4) Write a code to accept a number & print its digits in words .
Ex: 321
Three
Two
One
ans:
```python
word={'0':'zero','1':'one','2':'two','3':'three','4':'four','5':'five','6':'six','7':'seven','8':'eight','9':'nine','10':'ten'}
num=input("Enter a number: ")

for i in num:
    print(word[i])
```

```
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
```