Sahil Khedekar

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]

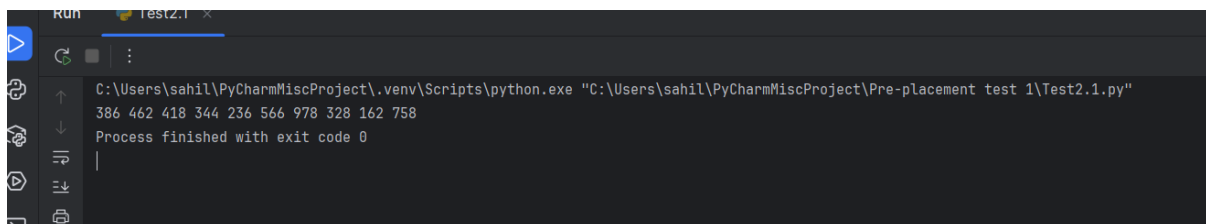for i in numbers:
  if i==237:
    break
  elif i%2==0:
    print(i,end=" ")

```
Run     Test2.1  ×

C:\Users\sahil\PyCharmMiscProject\.venv\Scripts\python.exe "C:\Users\sahil\PyCharmMiscProject\Pre-placement test 1\Test2.1.py"
386 462 418 344 236 566 978 328 162 758
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
```
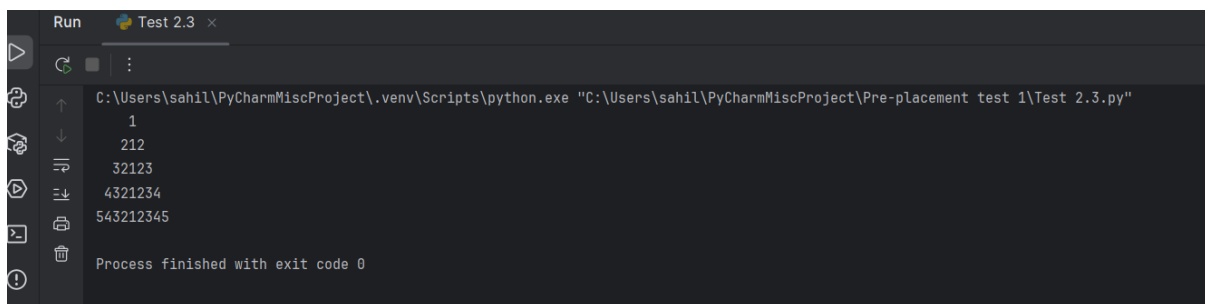
Q.3) pattern

  1

   212

  32123

 4321234

543212345

```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 .
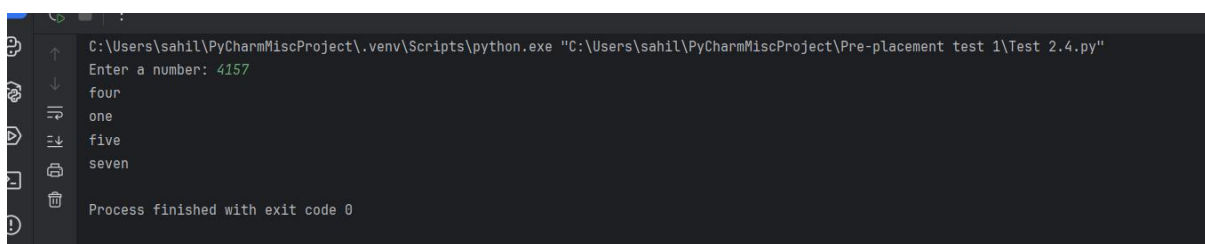
Ex: 321

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
```