Q1)
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.
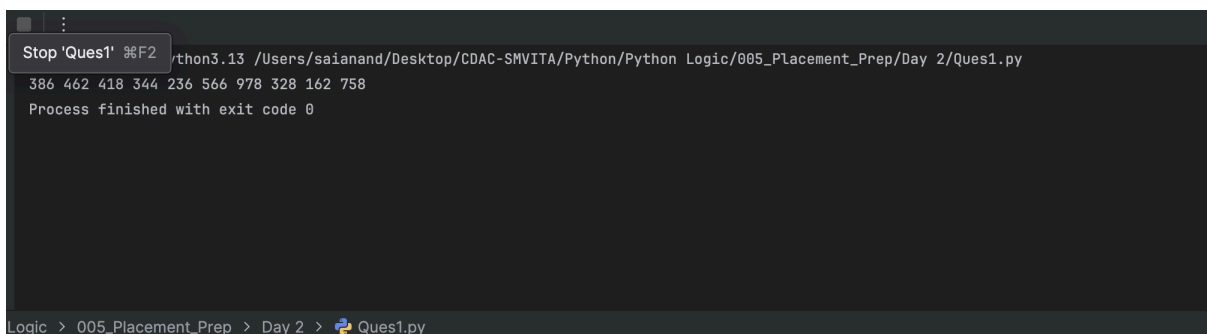**Sample**
numbers list :
numbers = [386, 462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978, 328, 615, 953, 345, 399, 162, 758, 219, 237, 412, 566, 731, 210, 912, 216, 244, 896, 101, 867, 355, 430]

```python
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 range(len(numbers)):
    if numbers[i] == 237:
        break
    elif numbers[i] % 2 == 0:
        print(numbers[i], end = " ")
```
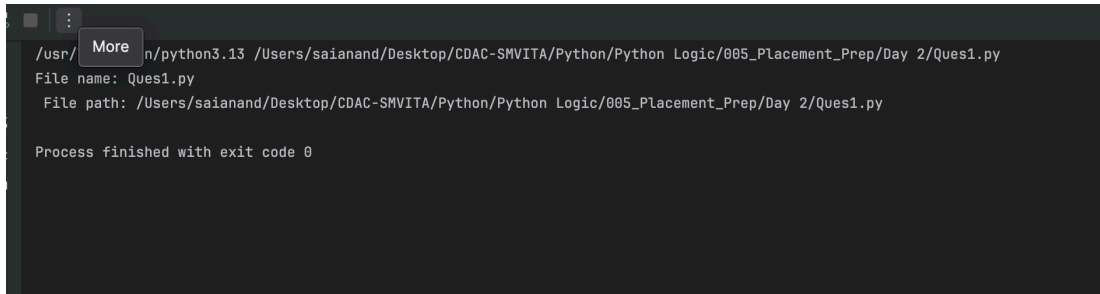


```
Stop 'Ques1' ⌘F2  /thon3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005_Placement_Prep/Day 2/Ques1.py
 386 462 418 344 236 566 978 328 162 758
 Process finished with exit code 0
```

Logic > 005_Placement_Prep > Day 2 > Ques1.py

Q2

Write a python program to get the path and name of the file that is currently executing

```
import os
print("File name:", os.path.basename(__file__))
print(" File path:", os.path.abspath(__file__))
```

```
/usr/ More n/python3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005_Placement_Prep/Day 2/Ques1.py
File name: Ques1.py
 File path: /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005_Placement_Prep/Day 2/Ques1.py

Process finished with exit code 0
```

Q3)
Pattern
```
        1
      212
     32123
    4321234
543212345
```

```
n = int(input("Enter a number"))

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()
```

```
/usr/local/bin/python3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005_Placement_Prep/Day 2/Ques1.py
Enter a number5
    1
   212
  32123
 4321234
543212345

Process finished with exit code 0
```

Q4) Write a Python program to test whether a passed letter is a vowel or not

num = input("Enter a number: ")
words = ["zero","one", "two", "three", "four", "five", "six", "seven", "eight", "nine"]

for i in num:
    res = words[int(i)]
    print(res)

```
/usr/local/bin/python3.13 /Users/saianand/Desktop/CDAC-SMVITA/Python/Python Logic/005_Placement_Prep/Day 2/Ques1.py
Enter a number: 321
three
two
one

Process finished with exit code 0
```