

## PLACEMENT PREP DAY 2

***##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.***

```
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 ]
```

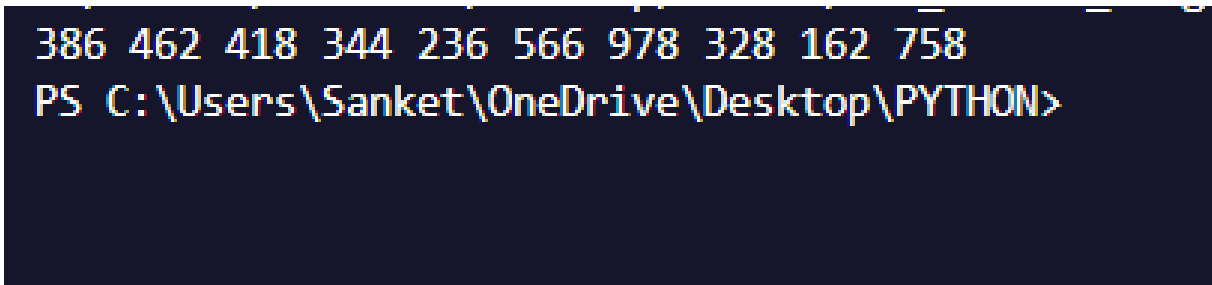
```
for i in numbers:
```

```
    if i==237:
```

```
        break
```

```
    elif i%2==0:
```

```
        print(i,end=" ")
```

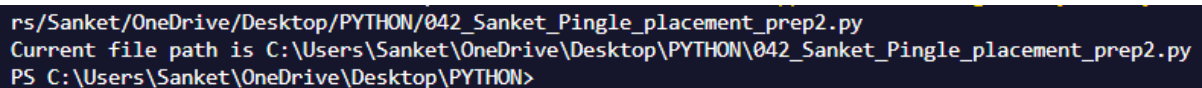


```
386 462 418 344 236 566 978 328 162 758
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON>
```

***## Q.2) Write a python program to get the path and name of the file that is currently executing***

```
import os
```

```
print("Current file path is",os.path.realpath(__file__))
```



```
rs/Sanket/OneDrive/Desktop/PYTHON/042_Sanket_Pingle_placement_prep2.py
Current file path is C:\Users\Sanket\OneDrive\Desktop\PYTHON\042_Sanket_Pingle_placement_prep2.py
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON>
```

### ***#Q3 pattern***

n = 5

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

```
1  
212  
32123  
4321234  
543212345  
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON>
```

### ***##04 Write a code to accept a number & print its digits in words .***

```
dict =  
{0:"Zero",1:"One",2:"Two",3:"Three",4:"Four",5:"Five",6:"Six",7:"Seven",8:"Eight",9:"Nine" }  
  
num = int(input("Enter a number: "))  
  
for digit in str(num):  
    print(dict[int(digit)],end=" ")
```

```
Enter a number: 498  
Four Nine Eight  
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON> █
```