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

```
PS C:\Users\Sanket\OneDrive\Desktop\PYTHON> &
s/Sanket/OneDrive/Desktop/PYTHON/042_Sanket_Pi
    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>
```