

'''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 ]
```

expected output:

```
386 462 418 344 236 566 978 328 162 758
```

'''

```
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 ]
```

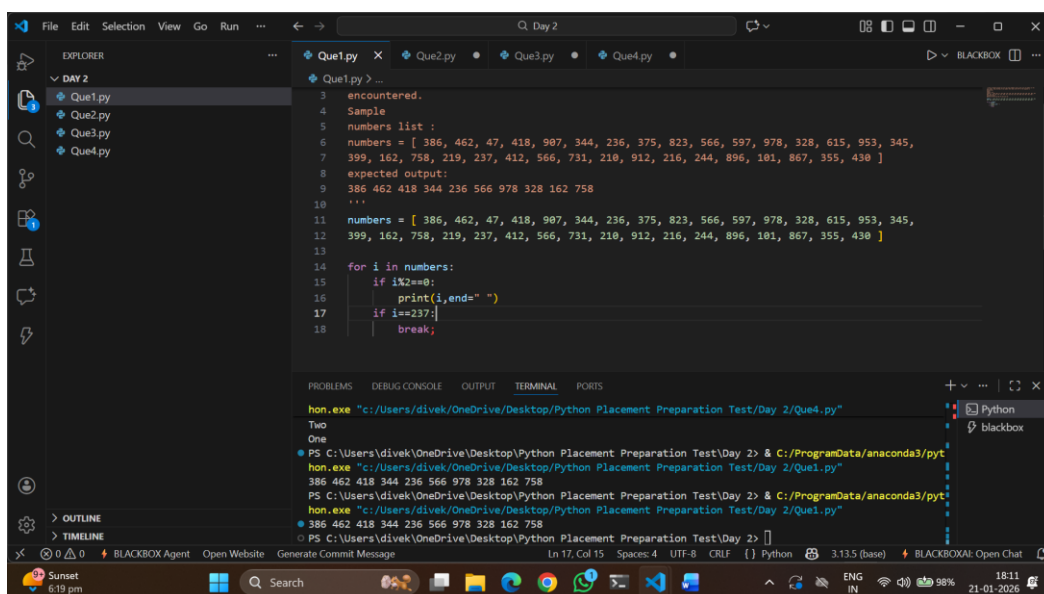
for i in numbers:

if i%2==0:

print(i,end=" ")

if i==237:

break;



The screenshot shows a Visual Studio Code editor window with a file explorer on the left and a code editor in the center. The file explorer shows a folder named 'DAY 2' containing four files: 'Que1.py', 'Que2.py', 'Que3.py', and 'Que4.py'. The code editor is open to 'Que1.py' and contains the following Python code:

```
1 encountered.
2 Sample
3 numbers list :
4
5 numbers = [ 386, 462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978, 328, 615, 953, 345,
6 399, 162, 758, 219, 237, 412, 566, 731, 210, 912, 216, 244, 896, 101, 867, 355, 430 ]
7
8 expected output:
9 386 462 418 344 236 566 978 328 162 758
10
11 '''
12
13 numbers = [ 386, 462, 47, 418, 907, 344, 236, 375, 823, 566, 597, 978, 328, 615, 953, 345,
14 399, 162, 758, 219, 237, 412, 566, 731, 210, 912, 216, 244, 896, 101, 867, 355, 430 ]
15
16
17 for i in numbers:
18     if i%2==0:
19         print(i,end=" ")
20     if i==237:
21         break;
```

The bottom panel of the editor shows the 'TERMINAL' tab with the following output:

```
hon.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que4.py"
Two
One
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> & C:/ProgramData/anaconda3/pyt
hon.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que1.py"
386 462 418 344 236 566 978 328 162 758
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> & C:/ProgramData/anaconda3/pyt
hon.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que1.py"
386 462 418 344 236 566 978 328 162 758
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2>
```

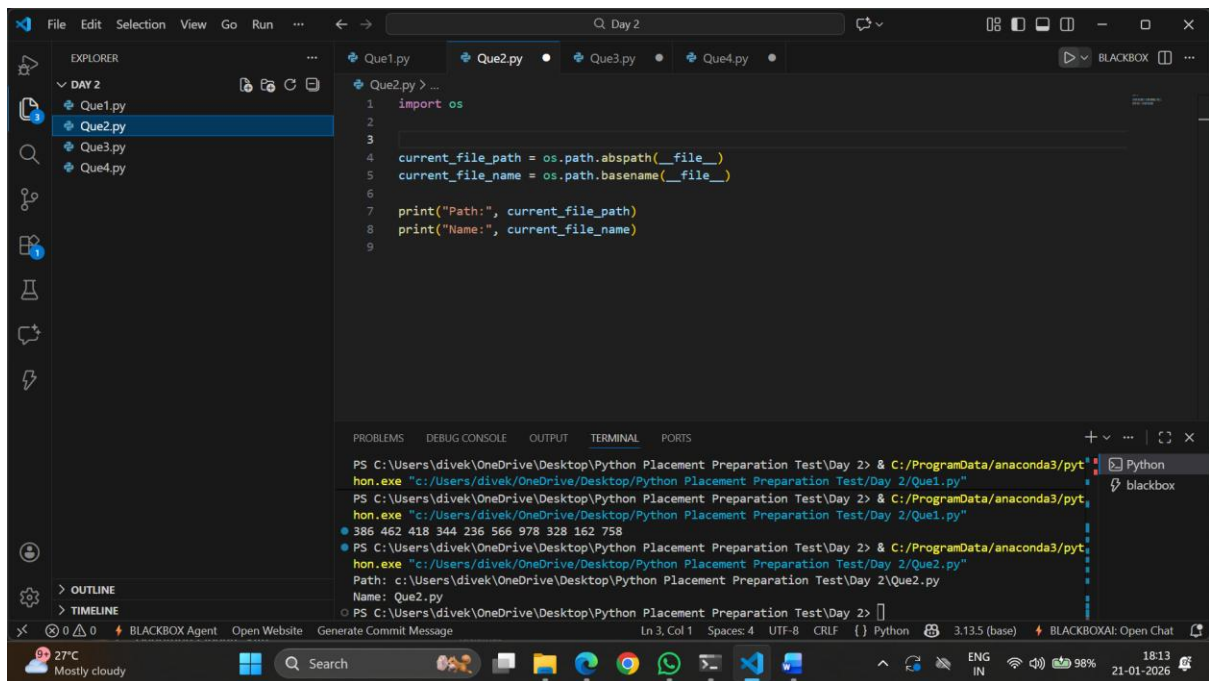
2. import os

```
current_file_path = os.path.abspath(__file__)
```

```
current_file_name = os.path.basename(__file__)
```

```
print("Path:", current_file_path)
```

```
print("Name:", current_file_name)
```



The screenshot shows a Visual Studio Code editor window with a file explorer on the left displaying a directory named 'DAY 2' containing four Python files: 'Que1.py', 'Que2.py', 'Que3.py', and 'Que4.py'. The 'Que2.py' file is selected and open in the editor. The code in 'Que2.py' is as follows:

```
1 import os
2
3
4 current_file_path = os.path.abspath(__file__)
5 current_file_name = os.path.basename(__file__)
6
7 print("Path:", current_file_path)
8 print("Name:", current_file_name)
9
```

Below the editor, the 'TERMINAL' panel shows the execution of the script. The command prompt is at 'PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2>'. The user runs the command 'C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que1.py"', which outputs the path and name of 'Que1.py'. Then, the user runs 'C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que2.py"', which outputs the path and name of 'Que2.py'.

```
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que1.py"
Path: c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que1.py
Name: Que1.py
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que2.py"
Path: c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que2.py
Name: Que2.py
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2>
```

The status bar at the bottom indicates the file is 'Ln 3, Col 1', 'Spaces: 4', 'UTF-8', 'CRLF', and the Python interpreter is '3.13.5 (base)'.

```
3'''
```

```
pattern
```

```
1
```

```
212
```

```
32123
```

```
4321234
```

```
543212345
```

```
'''
```

```
for i in range(6):
```

```
    for j in range(6-i,1,-1):
```

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

```
    for k in range(i,0,-1):
```

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

```
    for l in range(2,i+1,1):
```

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

```
    print()
```

The screenshot shows a Visual Studio Code editor window with a dark theme. The Explorer panel on the left shows a project named 'DAY 2' with four files: 'Que1.py', 'Que2.py', 'Que3.py', and 'Que4.py'. 'Que3.py' is selected. The main editor area displays the code for 'Que3.py', which defines a 'pattern' string and a nested loop structure to print it. The output of the script is visible in the terminal at the bottom, showing the pattern: 1, 212, 32123, 4321234, 543212345. The status bar at the bottom indicates the file is 'Que3.py' and the Python interpreter is '3.13.5 (base)'.

```
1 '''
2 pattern
3 1
4 212
5 32123
6 4321234
7 543212345
8 '''
9
10 for i in range(6):
11     for j in range(6-i,1,-1):
12         print(" ",end="")
13     for k in range(i,0,-1):
14         print(k,end="")
15     for l in range(2,i+1,1):
16         print(l,end="")
17     print()
18
```

hlon.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que2.py"

PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> & C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que3.py"

```
1
212
32123
4321234
543212345
```

4. '''

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

Ex: 321

Three

Two

One

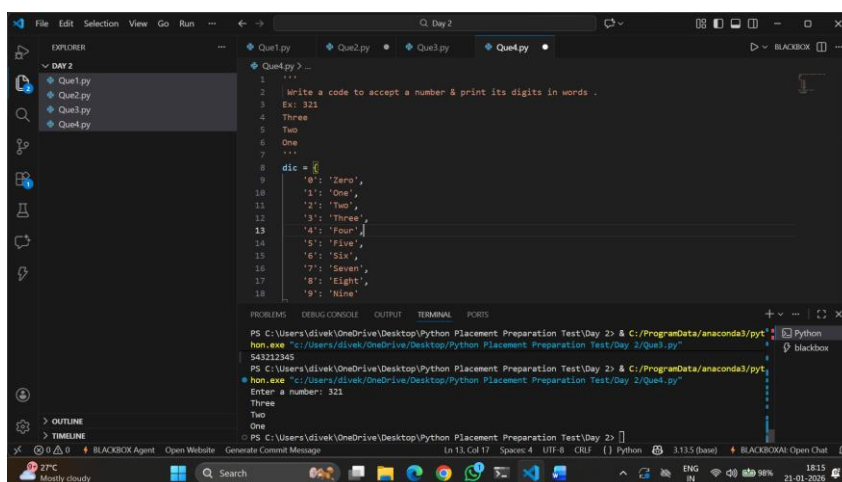
'''

```
dic = {  
    '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 i in str(num):
```

```
    print(dic[i])
```



The screenshot shows a code editor with a file explorer on the left containing files 'Day 2', 'Que1.py', 'Que2.py', 'Que3.py', and 'Que4.py'. The main editor displays the code for 'Que4.py', which includes a dictionary mapping digits 0-9 to their word representations and a loop that prints the words for each digit of an input number. The terminal at the bottom shows the execution of the script, where the input '321' is provided, and the output 'Three', 'Two', 'One' is printed on separate lines. The status bar at the bottom indicates the file is at line 13, column 17, and the Python version is 3.11.5 (base).

```
1 '''  
2 Write a code to accept a number & print its digits in words .  
3 Ex: 321  
4 Three  
5 Two  
6 One  
7 ...  
8  
9 dic = {  
10     '0': 'Zero',  
11     '1': 'One',  
12     '2': 'Two',  
13     '3': 'Three',  
14     '4': 'Four',  
15     '5': 'Five',  
16     '6': 'Six',  
17     '7': 'Seven',  
18     '8': 'Eight',  
19     '9': 'Nine'  
20 }  
21  
22 num = int(input("Enter a number: "))  
23  
24 for i in str(num):  
25     print(dic[i])
```

PROBLEMS DEBUG CONSOLE OUTPUT TERMINAL PORTS
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> & C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que4.py"
543212345
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2> & C:/ProgramData/anaconda3/python.exe "c:/Users/divek/OneDrive/Desktop/Python Placement Preparation Test/Day 2/Que4.py"
Enter a number: 321
Three
Two
One
PS C:\Users\divek\OneDrive\Desktop\Python Placement Preparation Test\Day 2>