

Q1.

```
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 and i <= 237:  
        print(i)
```

The screenshot shows a code editor interface with a dark theme. On the left is a file explorer sidebar showing a directory structure under 'Practice E:\Python'. The main pane displays a Python script named 'Day 02 Test.py' with the following code:

```
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 and i <= 237:  
        print(i)  
  
n=input("Enter a number: ")  
words ={'0':'Zero','1':'One','2':'Two','3':'Three','4':'Four','5':'Five','6':'Six','7':'Seven','8':'Eight','9':'Nine'}  
for i in n:  
    print(words[i])
```

At the bottom, the terminal window shows the output of running the script:

```
E:\PythonPrograms\Practice\.venv\Scripts\python.exe "E:\PythonPrograms\Practice\Assignment after CCEE\Day 02 Test.py"  
Enter a number5641  
Five  
Six  
Four  
...  
One
```

The status bar at the bottom right indicates the file is saved, the encoding is UTF-8, and the Python version is 3.12 (Practice).

Q2.

```
import os
```

```
current_file=os.path.realpath(__file__)  
print("Current File:", current_file)
```

The screenshot shows a code editor with two tabs: 'Day 01 Test.py' and 'Day 02 Test.py'. The 'Day 02 Test.py' tab is active, displaying the following Python code:

```
#2
import os
# current_file=os.path.realpath(__file__)
print("Current File:", current_file)

#3
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()
```

The terminal below the code shows the output of running the script:

```
E:\PythonPrograms\Practice\.venv\Scripts\python.exe "E:\PythonPrograms\Practice\Assignment after CCEE\Day 02 Test.py"
Current File: E:\PythonPrograms\Practice\Assignment after CCEE\Day 02 Test.py

Process finished with exit code 0
```

Q3.

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()
```

The screenshot shows a code editor with two tabs: 'Day 01 Test.py' and 'Day 02 Test.py'. The 'Day 02 Test.py' tab is active, displaying the same Python code as before. The terminal below the code shows the output of running the script:

```
E:\PythonPrograms\Practice\.venv\Scripts\python.exe "E:\PythonPrograms\Practice\Assignment after CCEE\Day 02 Test.py"
1
212
32123
4321234
543212345
```

The status bar at the bottom of the screen shows the following information: 5:15, CRLF, UTF-8, Practice, Material Oceanic, 4 spaces, Python 3.12 (Practice), 18:00, ENG, 21-01-2026.

Q4.

```
n=input("Enter a number: ")
words
={'0':"Zero",'1':"One",'2':"Two",'3':"Three",'4':"Four",'5':"Five",
'6':"Six",'7':"Seven",'8':"Eight",'9':"Nine"}
for i in n:
    print(words[i])
```

The screenshot shows a Python code editor interface. The top bar displays the file 'Day 02 Test.py'. The left sidebar shows a project structure with a 'Practice' folder containing 'Day 01 Test.py', 'Day 02 Test.py', and several '.ipynb_checkpoint' files. The main workspace shows the code for 'Day 02 Test.py'. The code prints even numbers from a list if they are less than or equal to 237. The bottom right corner shows a terminal window with the output of the run command, which lists the numbers 236, 162, 210, and 216. The bottom status bar includes file navigation, encoding (CRLF), font size (14:1), and system information (Python 3.12 (Practice)).

```
# 1
numbers = [386, 662, 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 and i <= 237:
        print(i)
```

E:\PythonPrograms\Practice\.venv\Scripts\python.exe "E:\PythonPrograms\Practice\Assignment after CCEE\Day 02 Test.py"

236
162
210
216
...

14:1 (2 chars, 2 line breaks) CRLF UTF-8 P Practice M Material Oceanic 4 spaces Python 3.12 (Practice) 27°C 17:50 21-01-2026