

1. 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  
    else:  
        if i % 2 == 0:  
            print(i,end=' ')
```



```
Run 1 ×  
C:\CDAC DBDA\Python\PythonLogicTest2\.venv\Scripts\python.exe" "C:\CDAC DBDA\Python\PythonLogicTest2\1.py"  
386 462 47 418 344 236 375 823 566 597 978 328 615 953 345  
Process finished with exit code 0
```

2.

```
import os  
filename = input("Enter the file name: ")  
filePath = os.path.abspath(__file__)  
print(filePath)  
if os.path.exists(filename):  
    print(f"The file {filename} exists.")  
else:  
    print(f"The file {filename} does not exist.")
```



```
Run 2 ×  
C:\CDAC DBDA\Python\PythonLogicTest2\.venv\Scripts\python.exe" "C:\CDAC DBDA\Python\PythonLogicTest2\2.py"  
Enter the file name: abc  
C:\CDAC DBDA\Python\PythonLogicTest2\2.py  
The file abc does not exist.  
Process finished with exit code 0
```

3.

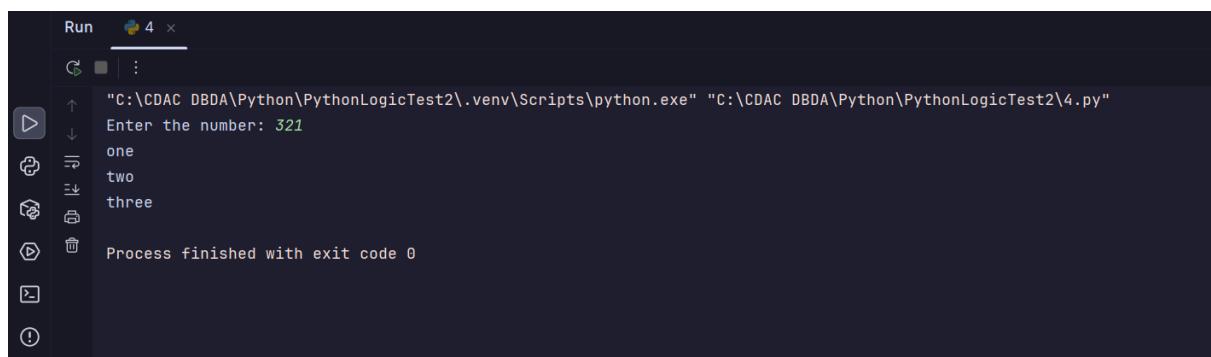
```
n = 5
for i in range(1, n + 1):
    print(" " * (n - i), end="")
    for j in range(i, 0, -1):
        print(j, end="")
    for j in range(2, i + 1):
        print(j, end="")
    print()
```



```
"C:\CDAC DBDA\Python\PythonLogicTest2\.venv\Scripts\python.exe" "C:\CDAC DBDA\Python\PythonLogicTest2\3.py"
1
212
32123
4321234
543212345
Process finished with exit code 0
```

4.

```
dict_num = { 0:'zero',1:'one',2:'two',3:'three',4:'four',5:'five',6:'six',7:'seven',8:'eight',9:'nine'}
num = int(input("Enter the number: "))
if num == 0:
    print("zero")
else:
    while num > 0:
        digit = num % 10
        x = dict_num[digit]
        num = num // 10
        print(x)
```



```
"C:\CDAC DBDA\Python\PythonLogicTest2\.venv\Scripts\python.exe" "C:\CDAC DBDA\Python\PythonLogicTest2\4.py"
Enter the number: 321
one
two
three
Process finished with exit code 0
```