

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 num in numbers:
```

```
    if num==237:
```

```
        break
```

```
    if num%2==0:
```

```
        print(num,end=' ')
```

Output:

```
"C:\Users\jerom\Downloads\Python Prac\.venv\Scripts\python.exe" "C:\Users\jerom
386 462 418 344 236 566 978 328 162 758
Process finished with exit code 0
```

Q2.

```
import os
```

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

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

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

```
print("File Name:", file_name)
```

Output:

```
"C:\Users\jerom\Downloads\Python Prac\.venv\Scripts\python.exe" "C:\Users\jerom
Path: C:\Users\jerom\Downloads\Python Prac\014_Jerome Python PP 21st Jan.py
File Name: 014_Jerome Python PP 21st Jan.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()

Output:

```
"C:\Users\jerom\Downloads\Python Prac\.venv\Scripts\python.exe" "C:\Users\jerom\Downloads\Python Prac\main.py"
1
212
32123
4321234
543212345
```

Q4.

digit=input("Enter a number: ")

names=["Zero","One","Two","Three","Four","Five","Six","Seven","Eight","Nine"]

for num in digit:

 print(names[int(num)])

Output:

```
"C:\Users\jerom\Downloads\Python Prac\.venv\Scripts\python.exe" "C:\Users\jerom\Downloads\Python Prac\main.py"
Enter a number: 321
Three
Two
One

Process finished with exit code 0
```