

## 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==237:
        break
    if i %2==0 :
        print(i)
```

The screenshot shows the PyCharm IDE's terminal window. The title bar says "logg.py". The terminal content is as follows:

```
F:\Python\python.exe C:/Users/HP/PycharmProjects/PythonProject/placement_preparation_test2.py
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
Process finished with exit code 0
```

The status bar at the bottom right indicates the file is "placement\_preparation\_test2.py", encoding is "UTF-8", and Python version is "Python 3.10".

## Q2

```
import sys
print(sys.argv[0])
```

The screenshot shows the PyCharm interface with the 'Run' tab selected. The output window displays the command run: F:\Python\python.exe C:\Users\HP\PycharmProjects\PythonProject\placement\_preparation\_test2.py. The output itself is Process finished with exit code 0. The bottom status bar indicates the file is pythonProject > placement\_preparation\_test2.py, the encoding is UTF-8, and the Python version is 3.10.

```
F:\Python\python.exe C:\Users\HP\PycharmProjects\PythonProject\placement_preparation_test2.py
Process finished with exit code 0
```

Q3

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

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

The screenshot shows the PyCharm interface with the 'Run' tab selected. The output window displays the command run: F:\Python\python.exe C:\Users\HP\PycharmProjects\PythonProject\placement\_preparation\_test2.py. The output shows a sequence of numbers: 1, 212, 32123, 4321234, and 543212345. The bottom status bar indicates the file is pythonProject > placement\_preparation\_test2.py, the encoding is UTF-8, and the Python version is 3.10.

```
F:\Python\python.exe C:\Users\HP\PycharmProjects\PythonProject\placement_preparation_test2.py
1
212
32123
4321234
543212345
Process finished with exit code 0
```

#### Q4

```
num=input("Enter the number:")
words={'0':'zero','1':'one','2':'two','3':'three','4':'four','5':'five'}
for i in num:
    print(words[i])
```

The screenshot shows the PyCharm interface with the 'Run' tab selected. The run configuration is set to 'placement\_preparation\_test2'. The command line shows the script being run: 'F:\Python\python.exe C:\Users\HP\PycharmProjects\PythonProject\placement\_preparation\_test2.py'. The output window displays the following interaction:

```
F:\Python\python.exe C:\Users\HP\PycharmProjects\PythonProject\placement_preparation_test2.py
C:\Users\HP\PycharmProjects\PythonProject\placement_preparation_test2.py
Enter the number:321
three
two
one

Process finished with exit code 0
```

The bottom status bar indicates the project name 'placementPreparation', the file 'placement\_preparation\_test2.py', encoding 'UTF-8', and Python version 'Python 3.10'.