

"""

Q1

```
num = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11]
e = len(list(filter(lambda x: x % 2 == 0, num)))
o = len(list(filter(lambda x: x % 2 != 0, num)))
print("Even numbers count:", e)
print("Odd numbers count:", o)
```

```
C:\Users\niraj\PycharmProjects\pythonProject\venv\Scripts\python.exe
"C:/Users/niraj/Downloads/Study/CDAC/Python/Python Assignment.py"
Even numbers count: 5
Odd numbers count: 6
Process finished with exit code 0
```

"""

"""

Q2

```
ser=["hi","ehe","heh"]
a=list(filter(lambda x: x==x[::-1],ser))
print(a)
```

```
"C:/Users/niraj/Downloads/Study/CDAC/Python/Python Assignment.py"
['ehe', 'heh']
Process finished with exit code 0
```

"""

"""

Q3

```
a=int(input("Enter the number of Rows:"))
for i in range(1,a+1):
    for j in range(1,i+1):
        print(j,end="")
    for k in range(1,i):
        print(i-k,end="")
    print()
```

```
"C:/Users/niraj/Downloads/
Enter the number of Rows:5
1|
121
12321
1234321
123454321
Python Console
```

"""

"""

Q4

"""

```
text = "hello"
b = list(text.encode())
print(b)
```

```
"C:/Users/niraj/Downloads/Study/CDAC/P
[104, 101, 108, 108, 111]
```