Answer Script

Question No. 1
➔ Write Python program to solve Max Split
Answer No. 1

```
str = input()

cntL = 0
start = 0
cntR = 0
end = 0
cnt = 0
strlen = 0
list = []

for char in str:
    if char == "L":
        cntL = cntL + 1
        strlen = strlen + 1
    else:
        cntR = cntR + 1
        strlen = strlen + 1
    if cntL == cntR:
        cnt = cnt + 1
        end = strlen
        list.append(str[start:end])
        start = end
        start = end
        cntL = 0
        cntR = 0

print(cnt)
for s in list:
    print(s)
```

Question No. 2
➔ Write Python program to solve Good Sequence
Answer No. 2

Question No. 3-(a)
➔ Write the difference between List and Dictionary of Python.
Answer No. 3-(a)

List	Dictionary
It's More like array	It's More like key-value pair
It is defined using square brackets [] and elements are separated by commas.	It is defined using curly braces {} with keys and values separated by colons.
Accessed by index.	Accessed by keys.
Iterable by index.	Iterable by keys, values, or items
It can contain duplicate elements	It can't contain duplicate keys

Question No. 3-(b)
➔ Write about *args and **kwargs of Python with proper examples.
Answer No. 3-(b)

*args	**kwargs
For positional arguments	For keyword arguments.
Pass any number of arguments without defining them	Pass any number of keyword arguments,parameter allows named argument
Single '*' to define this in function definition	Double '**' to define this in function definition

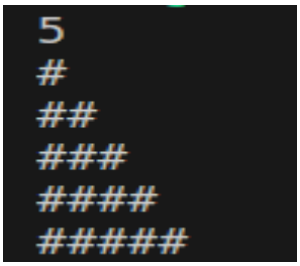
Question No. 4
➔ Write Python program to solve Minimize Number
Answer No. 4

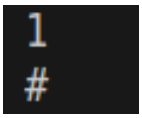
```python
sz = int(input())
list = []
str = input()
flag = True
opCnt = 0
for x in str.split():
    list.append(int(x))

while flag:
    for i, val in enumerate(list):
        if val % 2 == 0:
            list[i] = list[i] / 2
        else:
            flag = False
            break
    opCnt = opCnt + 1

print(opCnt - 1)
```

Question No. 5

➔ Take a number from the user and draw a pyramid using PyAutoGUI

Sample :





Answer No. 5

```python
from time import sleep

import pyautogui

n = int(input("Enter Number Of Row: "))

sleep(5)
for i in range(1, n + 1):
    for j in range(0, i):
        pyautogui.write("#", interval=0.25)
    pyautogui.press("enter")
    sleep(1)
```