

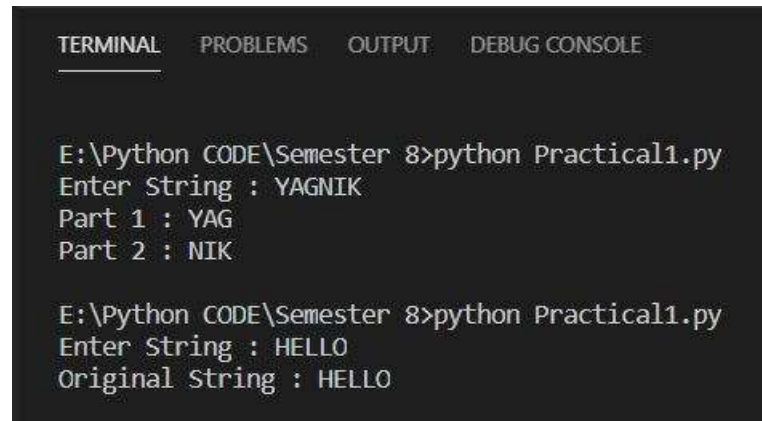
Practical 1:

- (A) Develop python Programs that read a string from user. If length of string is even, it's split it into two equal parts and prints both parts. Otherwise, it prints original string.**

Code:

```
s = input("Enter String : ")
l = int(len(s))
if l%2 == 0 :
    print(f"Part 1 : {s[0:l//2]}")
    print(f"Part 2 : {s[l//2:]}")
else :
    print(f"Original String : {s}")
```

Output:



```
TERMINAL  PROBLEMS  OUTPUT  DEBUG CONSOLE

E:\Python CODE\Semester 8>python Practical1.py
Enter String : YAGNIK
Part 1 : YAG
Part 2 : NIK

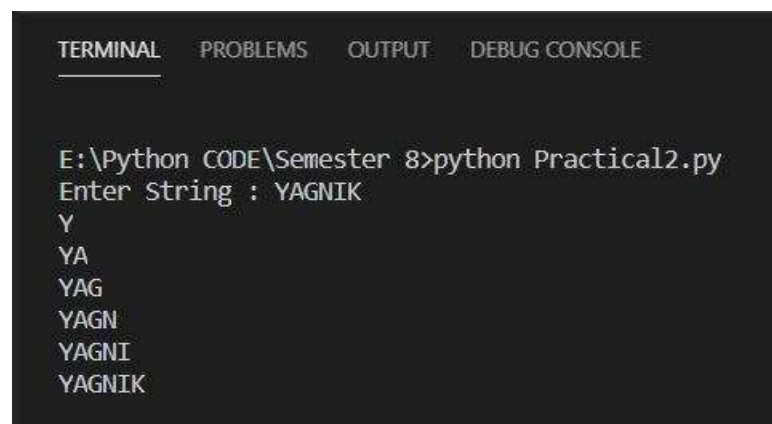
E:\Python CODE\Semester 8>python Practical1.py
Enter String : HELLO
Original String : HELLO
```

(B) Develop python Programs that read a string from user and then prints n-lines. Kth line will have k chars starting from the beginning of the string. (n is length of string.)

Code:

```
s = input("Enter String : ")
for i in range(len(s)) :
    print(s[:i+1])
```

Output :



```
TERMINAL  PROBLEMS  OUTPUT  DEBUG CONSOLE

E:\Python CODE\Semester 8>python Practical2.py
Enter String : YAGNIK
Y
YA
YAG
YAGN
YAGNI
YAGNIK
```

Yagnik Gohil

29/01/2021