

Loop: Working on the Problem

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September 25, 2021

1 More on Loop

Problem 1

```
[6]: # how many times `a` appears in user input?
#Credit: Priya Gupta
nam=input('Enter anything: ')
count=0
for i in nam:
    if i in "aA":
#        if i == "a" or i == "A":
        count = count + 1
#        count += 1
print(count)
```

Enter anything: Arnav Ahuja

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Using in: in is a logical operator.

```
[9]: "sk" in "Muskaan"
```

[9]: False

Problem 2

```
[ ]: #count vowels in a given word with minimal coding
#Credit: Priya, Kansihk, Udit
#priya
n=input()
c=0
for i in n:
    if i in 'aeiouAEIOU':
        c+=1
print(c)

#50
```

```
#count the characters using code
```

2 String : str

```
[17]: nam = "Bhavneet Udit Aggarwal"
```

```
[18]: len(nam)
```

```
[18]: 22
```

```
[19]: type(nam)
```

```
[19]: str
```

2.1 Slicing

```
[20]: nam[1]
```

```
[20]: 'h'
```

```
[21]: nam[0]
```

```
[21]: 'B'
```

```
[22]: nam[8]
```

```
[22]: ' '
```

```
[23]: nam[9]
```

```
[23]: 'U'
```

```
[ ]:
```