

# CS ASSIGNMENT 4

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SUBJECT: CSE1021

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### 1.ANSWER

```
str = input("Enter any name or sentence : ")
count = 0
for i in str:
    if(i == 'a' or i == 'A'):
        count = count+1
print("Number of A's : ",count)
```

### OUTPUT

```
Enter any name or sentence : I have no idea.
Number of A's : 2
```

### 2.ANSWER

```
i = 5
for i in range (1,i+1):
    for j in range (1,i+1):
        print(j, end='')
    print(" ")
```

### OUTPUT

```
1
12
123
1234
12345
```

### 3.ANSWER

```
count = 1
r = 4
s = 2
for i in range(r):
    for j in range(1, s):
        print(count, end=' ')
        count =count+1
    print("")
    s=s+1
```

### OUTPUT

```
1
2 3
4 5 6
7 8 9 10
```

#### 4.ANSWER

```
str = input("Enter a string : ")  
print("Reverse : ",str[::-1])
```

#### OUTPUT

```
Enter a string : Ananya  
Reverse : aynanA
```

#### 5.ANSWER

```
count = 0  
str = input("Enter any string: ")  
for i in str:  
    count = count+1  
print("Length : ",count)
```

#### OUTPUT

```
Enter any string: Ananya  
Length : 6
```

#### 6.ANSWER

```
c = 0  
v = 0  
str = input("Enter any string : ")  
for i in str:  
    if(i=='a' or i=='A' or i=='e' or i=='E' or i=='i' or i=='I' or i=='o' or i=='O' or i=='u' or i=='U'):  
        v = v+1  
    else:  
        c=c+1  
print("Vowels : ",v)  
print("Consonants: ",c)
```

#### OUTPUT

```
Enter any string : Harry Styles  
Vowels : 2  
Consonants: 10
```