

1.write a program to display the first three characters of the "python" without using slicing

```
str="python"
for i in range(0,2+1,1):
    print(str[i],end="")

pyt
```

2.write python program to extract "gram" for "programming" without using the slicing

```
str="programming"
for i in range(3,6+1,1):
    print(str[i],end="")

gram
```

3.write a program to count the number of consonents and vowels in string

```
str=input("enter a string ")
count_vow=0
count_cos=0

for i in str:
    if i in ['a','e','i','o','u']:
        count_vow=count_vow+1
    else:
        count_cos=count_cos+1
print("number of consonents",count_cos)
print("number of vowels",count_vow)
```

```
enter a string Nandeesha
number of consonents 5
number of vowels 4
```

4.write program to count the how many times particular chrater is repeated in string?

```
str=input("enter a string ")
count=0
x=input("enter a charater to searced ")
for i in str:
    if x==i:
        count=count+1
print("Number os times of chracter repeated in a string is",count)

enter a string nandeesha
enter a charater to searcede
Number os times of chracter repeated in a string is 2
```

5.write a program to check whether the string is palindrome or not?

```
str=input("enter a string")
a=list(str)
n=len(str)
i=0
j=n-1

while i<=j:
    temp=a[i]
    a[i]=a[j]
    a[j]=temp
    i=i+1
    j=j-1
save=""
for i in a:
    save=save+i
print(save)

if str==save:
    print("string is a palindrome")
else:
    print("string is not a palindrome")
```

```
enter a stringmalayalam
malayalam
string is a palindrome
```