```python
#1] to display name with the longest length
#2] to check given sting is palindrom or not

string=input("Enter the first name and last name :")
i=0
for i in range(len(string)):
    if string[i]!=string[-1-i]:
        print('It is not a palindrome')
        break
    else:
        print('It is a palindrome')

        break


# longest word
split=()
longest_word = 0
for i in string. split():
  if(len(i) > longest_word):
    longest_word = len(i)

print("longest word:", longest_word)
```

```
 ⌐→    Enter the first name and last name :akash borse
       It is not a palindrome
       longest word: 5
```

```python
# to determine the frequency of occurence of particular character in the string

string=input("Enter the string: ")
char=input("Please enter the char to find frequency of ta character\n")
count=0
i=0
while(i<len(string)):
```

```python
    if(string[i]==char):
        count=count+1
    i=i+1
print("The frequency of the ",char,"in the string is: ",count)


# to display index of substring
s = "akash borse"
s.find("h")
```

```
    Enter the string: akash borse
    Please enter the char to find frequency of ta character
    s
    The frequency of the  s in the string is:  2
    4
```

```python
# to count the occurences of each word in string

string =input("enter the string")
print("length of string:" ,len(string))
```

```
    enter the stringmy name is akash
    length of string: 16
```