

```
Q2="""2.1.check if the given string is a palandrome or not and also  
mention how many times each character appears. """  
print(Q2)  
  
input_str = input("Enter a string: ")  
if input_str == input_str[::-1]:  
    print("Palindrome")  
else:  
    print("Not Palindrome")  
  
for ch in set(input_str):  
    count = input_str.count(ch)  
    print(f'{ch} appears {count} times')
```

2.1.check if the given string is a palandrome or not and also mention
how many times each character appears.
Enter a string: saas
Palindrome
'a' appears 2 times
's' appears 2 times

```
Q2="""2.2.Check if a given number is a palandrome. """  
print(Q2)  
  
number = input("Enter a number: ")  
if number == number[::-1]:  
    print("Palindrome")  
else:  
    print("Not Palindrome")  
  
for i in range(10):  
    count = number.count(str(i))  
    if count > 0:  
        print(f'{i} appears {count} times')
```

2.2.Check if a given number is a palandrome.
Enter a number: 4554
Palindrome
4 appears 2 times
5 appears 2 times
