

```
Q2="""2.1.check if the given string is a palandrome or not and alo
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 alo 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
```
