Exercise 1: Take a string input from the user and print it

```
s = input()
print(s)
```

Exercise 2: Find the length of the string

```
print(len(s))
```

Exercise 3: Access the first and last characters of the string

```
print(s[0])
print(s[-1])
```

Exercise 4: Print the string in reverse

```
print(s[::-1])
```

Exercise 5: Convert the string to uppercase and lowercase

```
print(s.upper())
print(s.lower())
```

Exercise 6: Print the first 5 characters of the string

```
print(s[:5])
```

Exercise 7: Print every second character from the string

```
print(s[::2])
```

Exercise 8: Slice the string from index 2 to 7

```
print(s[2:8])
```

Exercise 9: Print the string excluding the first and last characters

```
print(s[1:-1])
```

Exercise 10: Count how many times a letter appears in the string

```
print(s.count('a'))
```

Exercise 11: Replace all spaces with hyphens

```
print(s.replace(" ", "-"))
```

Exercise 12: Check if the string starts with a particular word

```
print(s.startswith("Hello"))
```

Exercise 13: Find the index of the first occurrence of a substring

```
print(s.find("a"))
```

Exercise 14: Remove leading and trailing whitespace

```
print(s.strip())
```

Exercise 15: Use f-strings to print \"My name is X and I am Y years old\"

```
name = "Lokesh"
age = 22
print(f"My name is {name} and I am {age} years old")
```

Exercise 16: Format a float to display only 2 decimal places

```
f = 3.14159
print(f"{f:.2f}")
```

Exercise 17: Align a string to the center, left, and right using format or f-string

```
text = "Python"
print(f"{text:^20}")
print(f"{text:<20}")
```

```
print(f"{text:>20}")
```

Exercise 18: Check if a string is a palindrome (same forwards and backwards)

```
print(s == s[::-1])
```

Exercise 19: Check if the string contains only digits

```
print(s.isdigit())
```

Exercise 20: Check if two strings are anagrams

```
a = "listen"

b = "silent"

print(sorted(a) == sorted(b))
```