

#Loopovercharacters in a string.

for n in range(1, 1000000):

print(ch)

#Prints C, S, 4, and 1

#Loop over elements of a list.

for number in [3, 1, 4, 1, 5]:


```
print(number**2, end='|')
```

11/19/16/1/25/


```
String s = "CS41";  
for (int i = 0; i < s.length(); ++i) {  
    char ch = s.charAt(i);  
    System.out.println(ch);  
}
```

Looping over Strings and Lists

Loop over characters in a string.

```
for ch in "CS41":  
    print(ch)
```

Prints C, S, 4, and 1

Loop over elements of a list.

```
for number in [3, 1, 4, 1, 5]:  
    print(number ** 2, end='|')
```

=> 9|1|16|1|25|

Compare

```
String s = "CS41";  
for (int i = 0; i < s.length(); ++i) {  
    char ch = s.charAt(i);  
    System.out.println(ch);  
}
```

range

Iterate over a
sequence of numbers