

## # Exercise 6

```
# Find max of 3 numbers
print(max(2, 12, 18))
```

```
# Get sum of all numbers in list
print(sum((5,23, 14, 18)))
```

```
# Reverse a string
s = "Hello World"[::-1]
print(s)
```

```
# Count number upper and lowercase letters
count_lower = 0
count_upper = 0
for i in s:
    if i.isupper():
        count_upper += 1
    elif i.islower():
        count_lower += 1
print("Lowercase: " + str(count_lower))
print("Uppercase: " + str(count_upper))
```

```
# Return distinct elements
l = [1, 2, 2, 14, 14, 18, 18, 21, 21]
l = list(set(l))
print(l)
```



The screenshot shows the Programiz Python Online Compiler interface. The top bar includes a home icon, the URL 'programiz.com/', a plus icon, a notification icon with '19', and a user profile icon. The main area is divided into a code editor on the left and a shell output window on the right. The code editor contains the Python code for Exercise 6, and the shell window shows the corresponding output.

```
main.py  [Icons] Save Run Shell

1 # Exercise 6
2
3 # Find max of 3 numbers
4 print(max(2, 12, 18))
5
6 # Get sum of all numbers in list
7 print(sum((5,23, 14, 18)))
8
9 # Reverse a string
10 s = "Hello World"[::-1]
11 print(s)
12
13 # Count number upper and lowercase letters
14 count_lower = 0
15 count_upper = 0
16 for i in s:
17     if i.isupper():
18         count_upper += 1
19     elif i.islower():
20         count_lower += 1
21 print("Lowercase: " + str(count_lower))
22 print("Uppercase: " + str(count_upper))
23
24 # Return distinct elements
25 l = [1, 2, 2, 14, 14, 18, 18, 21, 21]
26 l = list(set(l))
27 print(l)
```

Shell Output:

```
18
60
dlroW olleH
Lowercase: 8
Uppercase: 2
[1, 2, 14, 18, 21]
> |
```