

String Processing Examples

script.py

IPython Shell

Save As: palindrome.py

```
1  # Program to check if a string
2  #   is palindrome or not
3
4  # change this value for a different output
5  my_str = 'aIbohPhoBiA'
6
7  # make it suitable for caseless comparison
8  my_str = my_str.casefold()
9
10 # reverse the string
11 rev_str = reversed(my_str)
12
13 # check if the string is equal to its reverse
14 ▾ if list(my_str) == list(rev_str):
15     print("It is palindrome")
16 ▾ else:
17     print("It is not palindrome")
```

script.py

IPython Shell

```
1  # Program to sort alphabetically the words form a string provided by the user
2
3  # change this value for a different result
4  my_str = "Hello this Is an Example With cased letters"
5
6  # uncomment to take input from the user
7  #my_str = input("Enter a string: ")
8
9  # breakdown the string into a list of words
10 words = my_str.split()
11
12 # sort the list
13 words.sort()
14
15 # display the sorted words
16
17 print("The sorted words are:")
18 for word in words:
19     print(word)
```