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[NPTEL \(https://swayam.gov.in/explorer?ncCode=NPTEL\)](https://swayam.gov.in/explorer?ncCode=NPTEL) » [The Joy of Computing using Python \(course\)](#)
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Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

Week 3

week 4

Week 5

Week 6

Week 7

Week 8

Week 9

- Natural Language Processing - Author

Programming Assignment 1: Swap the Case

Due on 2020-04-02, 23:59 IST

Given a string, you need to convert all lowercase letters to uppercase letters and vice versa.

Input Format:

A single line containing a string S.

Output Format:

Print the modified string S.

Sample Input:

Hello World!!

Sample Output:

HELLO WORLD!!

Sample Test Cases

	Input	Output
Test Case 1	COVID-19 is not fatal.	covid-19 IS NOT FATAL.
Test Case 2	hello, how are you?	HELLO, HOW ARE YOU?
Test Case 3	don't shake hands.	DON'T SHAKE HANDS.
Test Case 4	hAVE a Nice DAY.	Have A nICE daY.
Test Case 5	The Joy of Computing	tHE jOY OF cOMPUTING

Stylometry (unit? unit=164&lesson=165)	Test Case 6	PYTHON is a programming language.	python IS A PROGRAMMING LANGUAGE.
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 01 (unit? unit=164&lesson=166)	The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Sample solutions (Provided by instructor)		
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 02 (unit? unit=164&lesson=167)	<pre> 1 s = input() 2 3 4 def convert(ss): 5 # Convert it into list and then change it 6 newSS = list(ss) 7 for i,c in enumerate(newSS): 8 newSS[i] = c.upper() if c.islower() else c.lower() 9 # Convert list back to string 10 return ''.join(newSS) 11 12 13 print(convert(s)) </pre>		
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 03 (unit? unit=164&lesson=168)			
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 04 (unit? unit=164&lesson=169)			
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 05 (unit? unit=164&lesson=170)			
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 06 (unit? unit=164&lesson=171)			
<input type="radio"/> Natural Language Processing - Author Stylometry - Part 07 (unit? unit=164&lesson=172)			
<input type="radio"/> Natural Language Processing -			

Author
Stylometry -
Part 08 (unit?
unit=164&lesson=173)

Natural
Language
Processing -
Author
Stylometry -
Part 09 (unit?
unit=164&lesson=174)

Natural
Language
Processing -
Author
Stylometry -
Part 10 (unit?
unit=164&lesson=175)

Introduction to
Networkx -
Part 01 (unit?
unit=164&lesson=176)

Introduction to
Networkx -
Part 02 (unit?
unit=164&lesson=177)

Six Degrees of
Separation :
Meet your
favourites
(unit?
unit=164&lesson=178)

Six Degrees of
Separation :
Meet your
favourites -
Part 01 (unit?
unit=164&lesson=179)

Six Degrees of
Separation :
Meet your
favourites -
Part 02 (unit?
unit=164&lesson=180)

Six Degrees of
Separation :
Meet your
favourites -
Part 03 (unit?
unit=164&lesson=181)

Area
Calculation -
Don't Measure

- (unit?
unit=164&lesson=182)
- Area
Calculation -
Don't Measure
- Part 01 (unit?
unit=164&lesson=183)
- Area
Calculation -
Don't Measure
- Part 02 (unit?
unit=164&lesson=184)
- Area
Calculation -
Don't Measure
- Part 03 (unit?
unit=164&lesson=185)
- Area
Calculation -
Don't Measure
- Part 04 (unit?
unit=164&lesson=186)
- Area
Calculation -
Don't Measure
- Part 05 (unit?
unit=164&lesson=187)
- Area
Calculation -
Don't Measure
- Part 06 (unit?
unit=164&lesson=188)
- Quiz :
Assignment 9
(assessment?
name=285)
- Programming
Assignment
1: Swap the
Case**
(/noc20_cs35/progassignment?
name=311)
- Programming
Assignment-2:
First and Last
(/noc20_cs35/progassignment?
name=312)
- Programming
Assignment 3:
Rotate the
matrix
(/noc20_cs35/progassignment?
name=313)

[Week 9 Feedback \(unit? unit=164&lesson=314\)](#)

Week 10

Week 11

Week 12

Text Transcripts

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