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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » The Joy of Computing using Python (course)

Announcements (announcements)

About the Course (https://swayam.gov.in/nd1_noc20_cs35/preview) Ask a Question (forum)

Progress (student/home) Mentor (student/mentor)

Programming Assignment-1: Digit

Due on 2020-04-09, 23:59 IST

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

Week 10

FLAMES - Part 01 (unit?

unit=189&lesson=190) FLAMES - Part 02 (unit? unit=189&lesson=191) FLAMES - Part 03 (unit? unit=189&lesson=192) FLAMES - Part 04 (unit? unit=189&lesson=193)	digit then output "YES", else print "NO" (quotes for clarity). Input Format: The first line of the input contains the number D made of only digits 1's and 0's. Output: Print 'YES' or 'NO' depending on whether its possible to make it all 0s or 1s or not.		
FLAMES - Part 05 (unit? unit=189&lesson=194)			
FLAMES - Part 06 (unit? unit=189&lesson=195)	Input: 101		
O Data Compression - Part 01 (unit? unit=189&lesson=196)	Input: 11 Output: NO Explanation: In the first example, it is possible to make all the digits same by flipping the middle digit from 0 to 1. In the second example it is not possible. Sample Test Cases		
O Data Compression - Part 02 (unit? unit=189&lesson=197)			
O Data Compression - Part 03 (unit? unit=189&lesson=198)			
Opata Compression - Part 04 (unit? unit=189&lesson=199)			
O Data		Input	Output
Compression - Part 05 (unit? unit=189&lesson=200)	Test Case 1	1111110000	NO
	Test Case 2	101010101010101010101010101010101	NO
Quiz : Assignment 10 (assessment? name=286)	Test Case 3	111111111111111111111111111111111111111	NO
○ Programming	Test Case 4	101010	NO
Assignment- 1: Digit (/noc20_cs35/progas:	Test Case 5	11011	YES
name=315)	Test Case 6	00100	YES
Programming Assignment-2: Missing Number (/noc20_cs35/progassiname=316)	As per our reco	for submitting this assignment has passed. pords you have not submitted this assignment. pons (Provided by instructor) pos = []	

```
3456789111213456789
11121345678921223456789

    Programming

                                            ls = []
x = input()
li = str(x)
for j in li:
    ls.append(int(j))
numbers.append(ls)
    Assignment-3:
    Rearrangement
    (/noc20_cs35/progassig
    name=317)
 OWeek 10
                                            for j in numbers:
    count_z = 0
    count_o = 0
    for k in j:
        if(k==1):
    Feedback
    (unit?
    unit=189&lesson=318)
                                                                    count_o += 1
Week 11
                                                            if(k==0):
                                                                    count z += 1
                                                    if((count_o == 1) or (count_z == 1)):
    print("YES")
Week 12
                                                    else:
    if((count o == 0) or (count_z == 0)):
        print("NO")
    else:
        print("NO")
Text Transcripts
Download
                                                                    print("NO")
Videos
Books
```