Programming Assignment-1: Digits

You are given a number A which contains only digits 0's and 1's. Your task is to make all digits same by just flipping one digit (i.e. 0 to 1 or 1 to 0 ) only. If it is possible to make all the digits same by just flipping one digit then print 'YES' else print 'NO'.

Input Format:
The first line contains a number made up of 0's and 1's.

Output Format:
Print 'YES' or 'NO' accordingly without quotes.

Example:
Input:
101

Output:
YES

Explanation:
If you flip the middle digit from 0 to 1 then all the digits will become same. Hence output is YES.

Sample Test Cases

<table>
<thead>
<tr>
<th>Test Case</th>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0</td>
<td>YES</td>
</tr>
</tbody>
</table>
The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```python
A = input()
lis = []
li = str(A)
for j in li:
    lis.append(int(j))

count_z = 0
count_o = 0
for k in lis:
    if (k==1):
        count_o += 1
    if (k==0):
        count_z += 1
if((count_o == 1) or (count_z == 1)):
    print("YES")
else:
    if((count_o == 0) or (count_z == 0)):
        print("NO")
else:
    print("NO")
```
Birthday Paradox - Find your twin 04 (unit? unit=59&lesson=75)

Birthday Paradox - Find your twin 05 (unit? unit=59&lesson=76)

What's your favourite movie? (unit? unit=59&lesson=77)

Guess the Movie Name 01 (unit? unit=59&lesson=78)

Guess the Movie Name 02 (unit? unit=59&lesson=79)

Guess the Movie Name 03 (unit? unit=59&lesson=80)

Guess the Movie Name 04 (unit? unit=59&lesson=81)

Guess the Movie Name 05 (unit? unit=59&lesson=82)

Guess the Movie Name 06 (unit? unit=59&lesson=83)

Quiz: Assignment 4 (assessment? name=263)

Programming Assignment-1: Digits (/noc20_cs35/progassignment? name=280)

Programming Assignment-2: Factorial (/noc20_cs35/progassignment? name=281)