

The input consists of a single line containing a date of the format FEB 9, with the month and date separated by a single space.

Output

If the date is October 31 or December 25, output `yup`. Otherwise, output `nope`.

Sample Input 1

OCT 31



Sample Output 1

yup



Sample Input 2

JUN 24



Sample Output 2

nope



```
1 x , y = input().split()
2
3 month_list = ['JAN ', 'FEB', 'MAR ', 'APR ', 'MAY ', 'JUN ', 'JUL ', 'AUG ', 'SEP ', 'OCT', 'NOV', 'DEC']
4
5 day_list = ['1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13', '14', '15', '16',
6             '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31' ]
7
8 month1 = month_list[9]
9 day1 = day_list[30]
10
11 month2 = month_list[11]
12 day2 = day_list[24]
13
14
15 if (x == month1 and y == day1) or (x == month2 and y== day2):
16     print("yup")
17 else:
18     print("nope")
19
20
21
22
```