### **Dividers**

Write a program that requires an integer and displays all of its divisors.
Excluding itself and 1.
In case there are no divisor it should print "EMPTY"

### Input

The first line contains the integer.

# Output

The first line contains all the divisor numbers separated by space " ".

# Sample input

# Sample output

45	3 5 9 15
17	EMPTY
146	2 73