# Python program to print prime factors

import math

def primeFactors(n):

while n % 2 == 0:

print 2,

n = n / 2

for i in range(3,int(math.sqrt(n))+1,2):

while n % i== 0:

print i,

n = n / i

if n > 2:

print n

n = 315

primeFactors(n)