**Python Program for Product of unique prime factors of a number**

def productPrimeFactors(n):

product = 1

for i in range(2, n+1):

if (n % i == 0):

isPrime = 1

for j in range(2, int(i/2 + 1)):

if (i % j == 0):

isPrime = 0

break

if (isPrime):

product = product \* i

return product

n =18

print ("Product of unique prime factor of a number is:",productPrimeFactors(n))

