```python
 1  import time as t
 2
 3  maxRange = 17
 4  def IsFactor(fac,num):
 5      if num % fac == 0:
 6          return True
 7      else:
 8          return  False
 9
10  n = 2520
11  fact = False
12  startTime = t.time()
13  while fact == False:
14
15      n = n + 1
16      fact = True
17
18      for x in range (1,maxRange+1):
19
20          if IsFactor(x , n) != True:
21              fact = False
22              break
23
24      if fact == True:
25          print("answer: ", n)
26          endTime = t.time()
27          print("")
28          print("Time Taken:" , endTime - startTime)
```