In [12]:
```
#Wap to print the product of the individuals digits of numbers from m upto n .Also D
m=int(input("Enter the no.:- "))
n=int(input("Enter the no.:- "))
s=0
num=0
for x in range(m,n):
 p=1
 num=x
 while(num!=0):
  r=num%10
  p=p*r
  num=num//10
 print("The product is",p )
 s=s+p
 x=x+1
avg=s//(m-n+1)
if(s>avg):
 print("True")
else:
 print("False")
```

```
Enter the no.:- 10
Enter the no.:- 20
The product is 0
The product is 1
The product is 2
The product is 3
The product is 4
The product is 5
The product is 6
The product is 7
The product is 8
The product is 9
True
```

In [ ]:
```
#A positive integer m can be partitioned as primes if it can be written as p+q where
mport sympy
m=int(input())
for i in range(1,m+1):  #(m+1)//2
    q=m-i
    if(sympy.isprime(i)==True and sympy.isprime(q)==True):
        print(i,",",q)
```

In [11]:
```
#Numerologists claim to be able to determine a person's character traits based on th
name=input("Enter your Name:- ")
m=0
for char in name:
  m+=ord(char)
if(m>9 and m<100):
 print("Lucky")
else:
 print("Unlucky")
```

```
Enter your Name:- HUI HUI
Unlucky
```

In [ ]: