resource url?

QUESTION ----------------
Write a program to find the sum of the
series 1 +11 + 111 + 1111 + . . . + n terms (n will be given as input from the
user and sum will be the output)
Sample Test Cases
Test Case 1   Input
4   Output
1234 Test Case 2
Input 6
Output 123456
------------------ANSWER

```python
a=int(input())
s=1
sum=0
for i in range(a):
    sum=sum+s
    s=(s*10)+1
print(sum)
```

QUESTION ----------------
Write a program to find the count of the number
of prime numbers in a specified range.
------------------ANSWER

```python
a=int(input())
b=int(input())
flag=0
for i in range(a,b+1):
    if(i>1):
        for j in range(2,i):
            if(i%j==0):
                break
        else:
            flag+=1
print(flag)
```

QUESTION ----------------
In mathematics, the factorial of a non-negative
integer n, denoted by n!, is the product of all positive integers less than or
equal to n. For example,
------------------ANSWER

```python
a=int(input())
f=1
for i in range(1,a+1):
    f=f*i
print(f)
```

QUESTION ----------------
Write a program to find the count of the number
of prime numbers in a specified range.
The starting and ending number of the range will
be provided as input to the program.
Assumption: 2 <=starting number of the
range<= ending number of the range<=7919
Example1: If the starting and ending number or the
range is given as 2 and 20, the program must return 8, because there are 8 prime
numbers in the specified range from 2 to 20. namely (2. 3. 5, 7, 11, 13, 17,
19)
Example2: If the starting and ending number of the
range is given as 700 and 725, the program must return 3, because there are 3
prime numbers in the specified range from 700 to 725, namely (701, 709, 719)
------------------ANSWER

```python
a=int(input())
b=int(input())
```

```
flag=0
for i in range(a,b+1):
    if(i>1):
        for j in range(2,i):
            if(i%j==0):
                break
        else:
            flag+=1
print(flag)
```

QUESTION ----------------
Write a program to return the nth number in the fibonacci
series.
The value of N will be passed to the program as
input.
NOTE: Fibonacci series looks like –
0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, . . . and so
on.
i.e. Fibonacci series starts with 0 and 1, and
continues generating the next number as the sum of the previous two numbers.
• first Fibonacci number is 0,
• second Fibonacci number is 1,
• third Fibonacci number is 1,
• fourth Fibonacci number is 2,
• fifth Fibonacci number is 3,
• sixth Fibonacci number is 5,
• seventh Fibonacci number is 8, and so on.
------------------ANSWER
```
a=int(input())
x=-1
y=1
z=0
for i in range(0,a):
    z=x+y
    x=y
    y=z
print(z)
```

QUESTION ----------------
Write a program to find the count of non-repeated
digits in a given number N. The number will be passed to the program as an
input of type int.
------------------ANSWER
```
a=input()
count=0
for i in a:
    if(a.count(i)==1):
        count+=1
print(count)
```

QUESTION ----------------
A Number is said to be Disarium number when the sum of its digit raised to the
power of their respective positions becomes equal to the number itself. Write a
program to print number is Disarium or not.
------------------ANSWER
```
num=int(input())
temp=0
for i in range(len(str(num))):
    temp+=int(str(num)[i])**(i+1)
if(temp==num):
    print("Yes")
else:
    print("No")
```

```

QUESTION ----------------
Given an integer N, check whether N the given number can be made a perfect
square after adding to it.
------------------ANSWER

```python
import math
a=int(input())
b=round(math.sqrt(a))
if(b*b==a+1):
    print("Yes")
else:
    print("No")
```

QUESTION ----------------
Write a program to find the count of unique
digits in a given number N. The number will be passed to the program as an
input of type int.
------------------ANSWER

```python
a=input()
count=len(set(a))
print(count)
```

QUESTION ----------------
Write
a program that finds whether the given number N is Prime or not.
------------------ANSWER

```python
n=int(input())
if(n>1):
    for i in range(2,(n//2)+1):
        if(n%i)==0:
            print("1")
            break
        else:
            print("2")
            break
else:
    print("1")
```