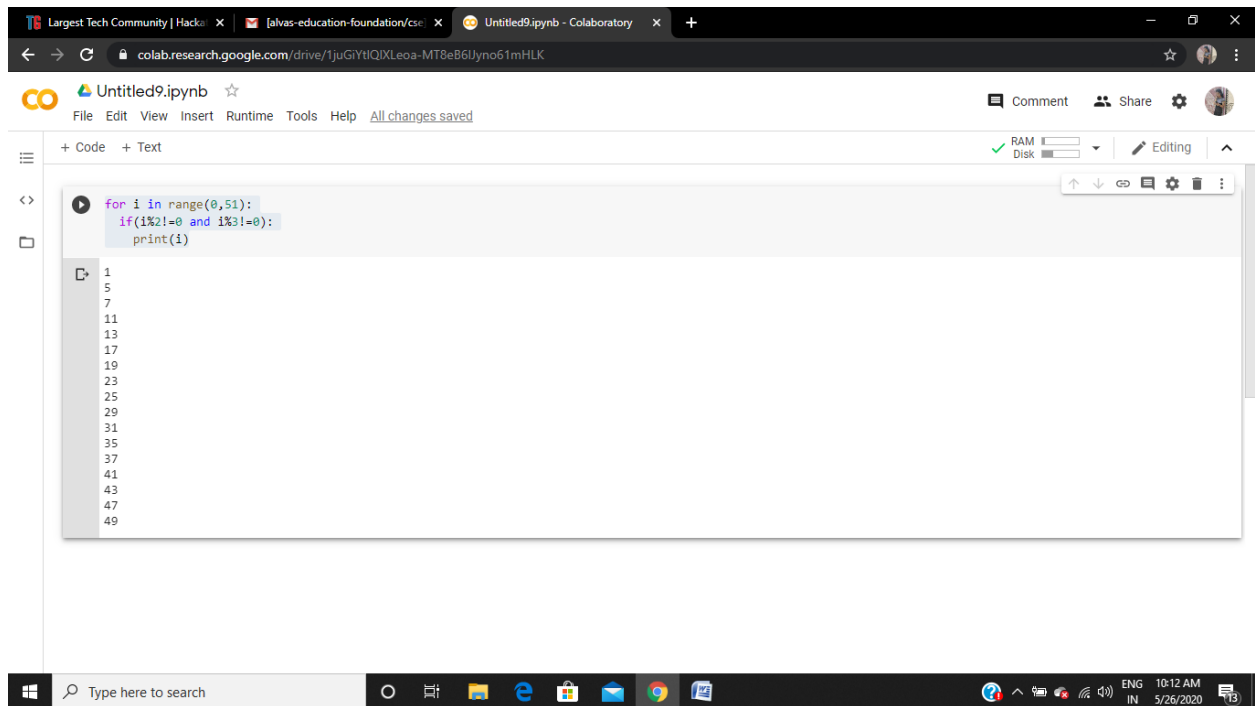


Python Program to Print all Integers that Aren't Divisible by Either 2 or 3 and Lie between 1 and 50

```
for i in range(0,51):  
    if(i%2!=0 and i%3!=0):  
        print(i)
```



The screenshot shows a Google Colaboratory notebook interface. The browser tabs at the top include 'Largest Tech Community | Hack...', '[alvas-education-foundation/cse]', and 'Untitled9.ipynb - Colaboratory'. The address bar shows the URL 'colab.research.google.com/drive/1juGIYtQIXLeoa-MT8eB6Uyno61mHLK'. The notebook title is 'Untitled9.ipynb'. The menu bar includes 'File', 'Edit', 'View', 'Insert', 'Runtime', 'Tools', and 'Help'. The toolbar shows 'RAM' and 'Disk' usage, and a status 'Editing'. The code editor contains the following Python code:

```
for i in range(0,51):  
    if(i%2!=0 and i%3!=0):  
        print(i)
```

The output of the code is displayed in a scrollable list:

```
1  
5  
7  
11  
13  
17  
19  
23  
25  
29  
31  
35  
37  
41  
43  
47  
49
```

The Windows taskbar at the bottom shows the search bar 'Type here to search', several application icons, and the system clock displaying '10:12 AM' on '5/26/2020'.

Python Program to Check if a Number is a Palindrome

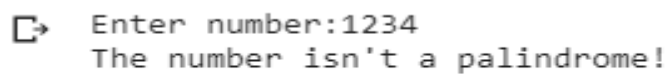
```
n=int(input("Enter number:"))
temp=n
rev=0
while(n>0):
    dig=n%10
    rev=rev*10+dig
    n=n//10
if(temp==rev):
    print("The number is a palindrome!")
else:
    print("The number isn't a palindrome!")
```



The screenshot shows a Python IDE with a code editor on the left and a console on the right. The code in the editor is the same as the one above. The console shows the input "Enter number:11211" and the output "The number is a palindrome!".

```
<>
n=int(input("Enter number:"))
temp=n
rev=0
while(n>0):
    dig=n%10
    rev=rev*10+dig
    n=n//10
if(temp==rev):
    print("The number is a palindrome!")
else:
    print("The number isn't a palindrome!")

Enter number:11211
The number is a palindrome!
```

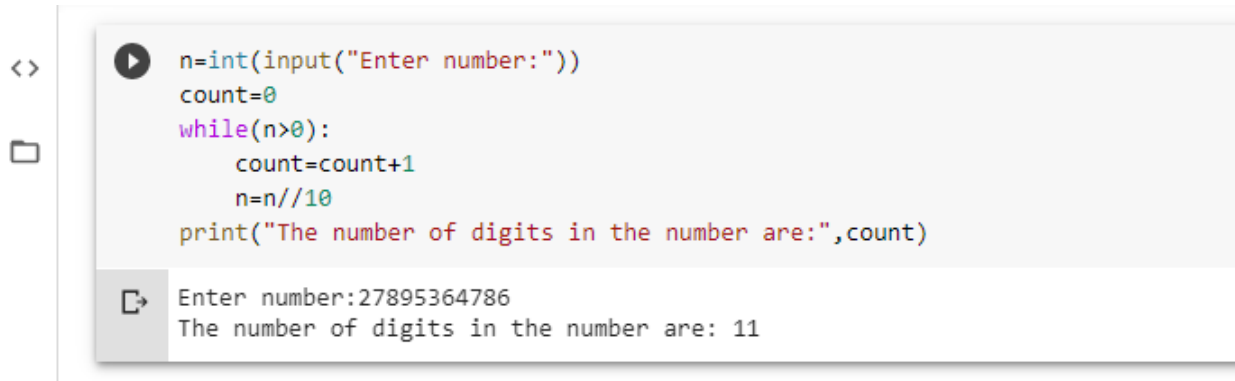


The screenshot shows a Python IDE with a code editor on the left and a console on the right. The code in the editor is the same as the one above. The console shows the input "Enter number:1234" and the output "The number isn't a palindrome!".


```
Enter number:1234
The number isn't a palindrome!
```


Python Program to Count the Number of Digits in a Number

```
n=int(input("Enter number:"))
count=0
while(n>0):
    count=count+1
    n=n//10
print("The number of digits in the number are:",count)
```



The screenshot shows a code editor with a file explorer on the left. The code editor contains the same Python program as above. Below the code, the execution output is displayed, showing the input number 27895364786 and the resulting digit count of 11.

```
<>  n=int(input("Enter number:"))
count=0
while(n>0):
    count=count+1
    n=n//10
print("The number of digits in the number are:",count)

 Enter number:27895364786
The number of digits in the number are: 11
```

Python Program to Read a Number n And Print the Series "1+2+.....+n= "

```
n = int(input("Enter a Number : "))
series_sum = []
for i in range(1,n+1):
    series_sum.append(i)
    if i==n:
        print(i, end='')
    else:
        print(i,end=' + ')
print(' = ', sum(series_sum), sep='')
```

