Anay Shah 60004210073

Output:

Colab Link:

temp //= 10 return num == sum

numbers = list(range(100, 10000))

for num in armstrong_numbers:
 print(num)

[] from pyspark import SparkContext

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⇔ iii armstrong_numbers = sc.parallelize(numbers).filter(is_armstrong).collect()

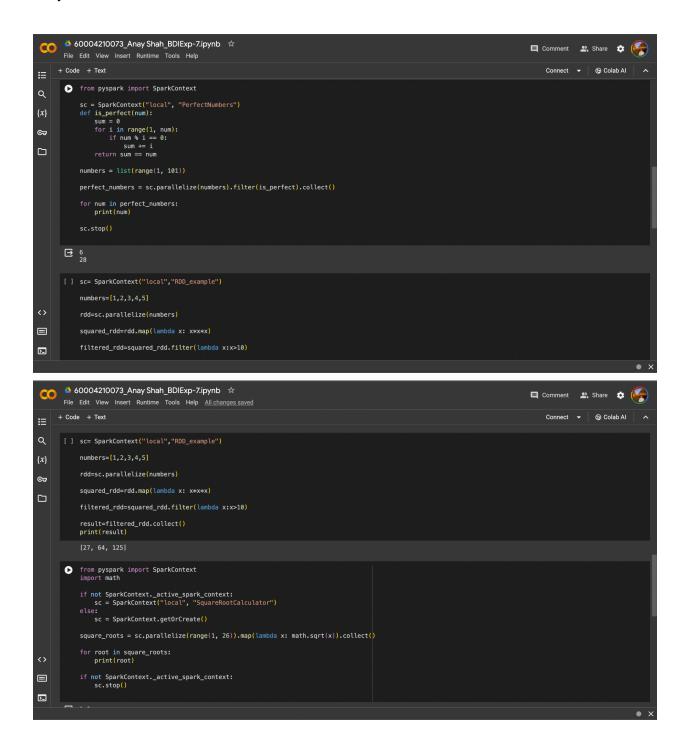
https://colab.research.google.com/drive/1SQidp8U4OVT9kgNUqX24_QQH5SHaRdiJ?usp=sharing

```
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 Q
            ▶ !pip install pyspark
                   Collecting pyspark
Downloading pyspark-3.5.1.tar.gz (317.0 MB)

317.0/317.0 MB 4.6 MB/s eta 0:00:00
                   317.0/317.0 MB 4.6 MB/s eta 0:00:00

Preparing metadata (setup.py) ... done
Requirement already satisfied: py4j==0.10.9.7 in /usr/local/lib/python3.10/dist-packages (from pyspark) (0.10.9.7)
Building wheels for collected packages: pyspark
Building wheel for pyspark (setup.py) ... done
Created wheel for pyspark: filename=pyspark-3.5.1-py2.py3-none-any.whl size=317488493 sha256=1b3c2ffd76d63bf799a3cf3811c69995468c1662be1edbfde6563fc45af41
Stored in directory: /root/.cache/pip/wheels/80/1d/60/2c256ed38dddce2fdd93be545214a63e02fbd8d74fb0b7f3a6
Successfully built pyspark
Installing collected packages: pyspark
Successfully installed pyspark-3.5.1
೦ಸ
[ ] from pyspark import SparkContext
                    sc = SparkContext("local", "ArmstrongNumbers")
                   def is_armstrong(num):
    order = len(str(num))
    sum = 0
    temp = num
    while temp > 0:
        digit = temp % 10
        sum += digit ** order
        temp //= 10
    return num == sum
⊞
                    numbers = list(range(100, 10000))
>_
                    armstrong_numbers = sc.parallelize(numbers).filter(is_armstrong).collect()
            4 60004210073_Anay Shah_BDIExp-7.ipynb ☆
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 Q
            ▶ from pyspark import SparkContext
                    sc = SparkContext("local", "ArmstrongNumbers")
{x}
                   def is_armstrong(num):
    order = len(str(num))
    sum = 0
    temp = num
    while temp > 0:
    digit = temp % 10
    sum += digit ** order
    temp //-10
೦ಾ
```

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