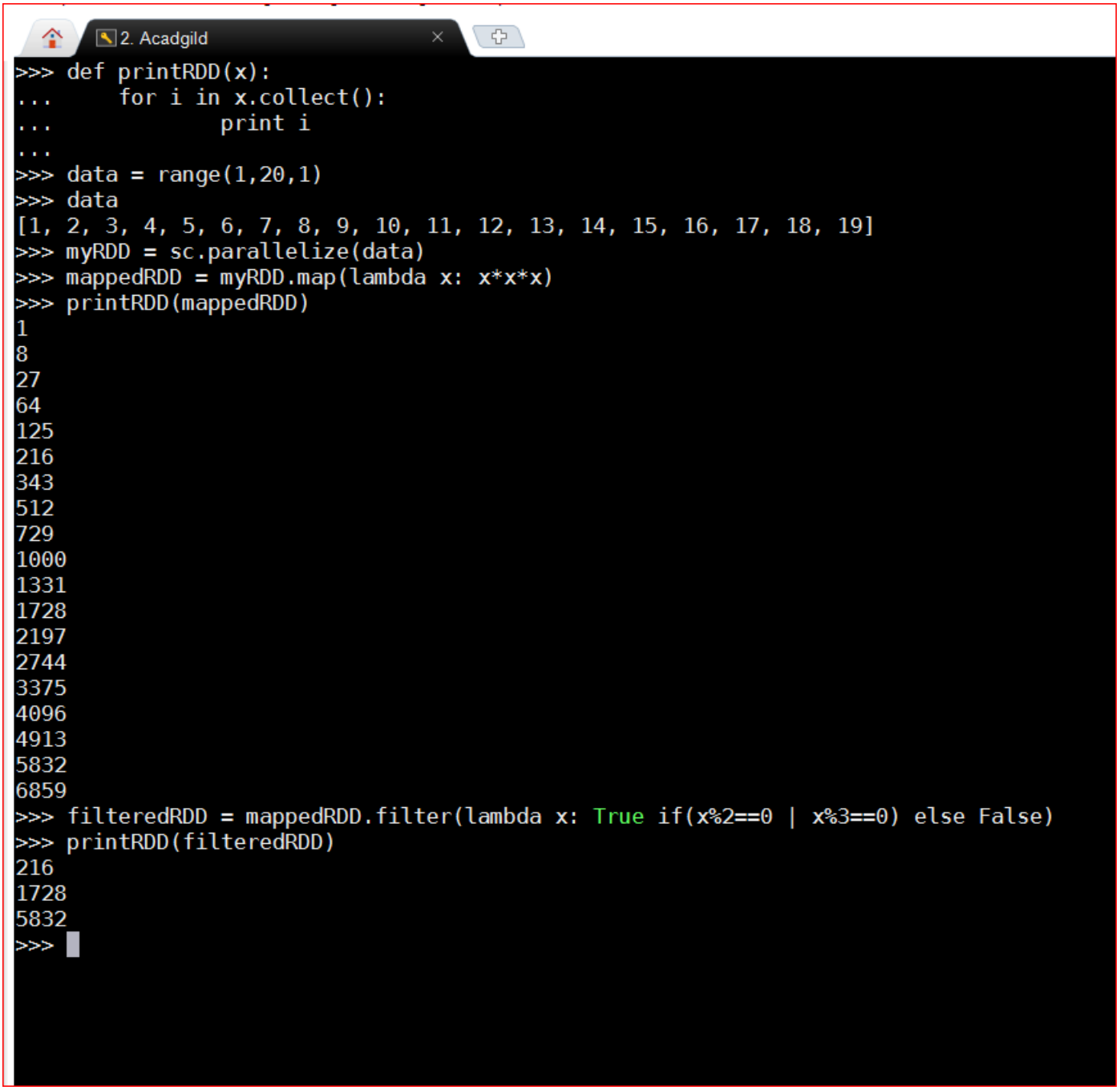
Assignment 13.3

Write the code to Turn a collection into a RDD and perform map operation on it to cube every number and filter the number which are divided by two and three.




```
def printRDD(x):                    #created function to print RDD
    for i in x.collect():
        print i
```

```
data = range(1,20,1)                # created list of integers

data

myRDD = sc.parallelize(data)    # created RDD with the data list

mappedRDD = myRDD.map(lambda x: x*x*x)          # performed cube of each element and stored in mappedRDD

printRDD(mappedRDD)                             # printed mappedRDD

filteredRDD = mappedRDD.filter(lambda x: True if(x%2==0 | x%3==0) else False)     #filetered RDD with number divisible by 2 & 3

printRDD(filteredRDD)           # printed fileteredRDD
```