

List[Int](1,2,3,4,5,6,7,8,9,10)

1. Find the sum of all numbers

```
scala> val Lists = sc.parallelize(List(1,2,3,4,5,6,7,8,9,10))
Lists: org.apache.spark.rdd.RDD[Int] = ParallelCollectionRDD[13] at parallelize at <console>:24
scala> val sum = Lists.sum
sum: Double = 55.0
```

2. Find the total elements in list

```
scala> val cnt= Lists.count()
cnt: Long = 10
```

3. Calculate the average of the numbers in the list

```
scala> val avg = sum/cnt
avg: Double = 5.5
```

4. Find the sum of all the even numbers in the list

```
scala> val evenNumbers = Lists.filter(x=>x%2==0).sum
evenNumbers: Double = 30.0
```

5. Find the total number of elements in the list divide by 5 and 3

```
scala> val elements = Lists.filter(x=>x%3==0 && x%5==0).count
elements: Long = 0
```