In [1]:   `sc`

Out[1]:   **SparkContext**

      Spark UI

Version	`v4.0.0`
Master	`local[*]`
AppName	`PySparkShell`

In [2]:
```python
import random
```

In [3]:
```python
random_numbers = [random.randint(1, 1000) for _ in range(100)]
print("Original List:")
print(random_numbers)
numbers_rdd = sc.parallelize(random_numbers)
even_numbers_rdd = numbers_rdd.filter(lambda x: x % 2 == 0)
even_numbers = even_numbers_rdd.collect()
print("\nEven Numbers:")
print(even_numbers)
```

```
Original List:
[362, 487, 593, 19, 164, 592, 464, 727, 136, 911, 564, 956, 592, 948, 351, 485, 302,
537, 569, 686, 208, 726, 167, 950, 579, 735, 996, 128, 223, 819, 369, 943, 31, 237,
953, 511, 879, 972, 4, 697, 625, 351, 851, 47, 441, 849, 930, 636, 983, 117, 464, 17
9, 214, 386, 24, 947, 805, 399, 986, 641, 566, 785, 571, 495, 76, 735, 89, 533, 902,
114, 765, 542, 634, 873, 584, 994, 736, 733, 587, 323, 974, 263, 304, 423, 2, 321, 2
45, 114, 795, 67, 861, 746, 709, 257, 755, 880, 726, 855, 187, 5]

Even Numbers:
[362, 164, 592, 464, 136, 564, 956, 592, 948, 302, 686, 208, 726, 950, 996, 128, 97
2, 4, 930, 636, 464, 214, 386, 24, 986, 566, 76, 902, 114, 542, 634, 584, 994, 736,
974, 304, 2, 114, 746, 880, 726]
```

In [ ]: