**ACD\_BDDOF\_Session\_6\_Assignment\_1\_Main**

**Problem Statement:**

Given a list of numbers - List[Int] (1, 2, 3, 4, 5, 6, 7, 8, 9, 10)

- find the sum of all numbers

- find the total elements in the list

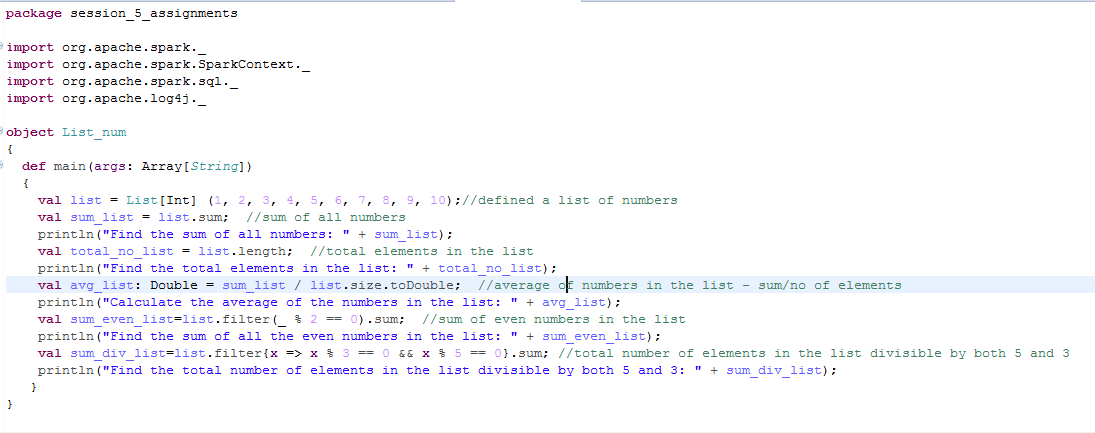
- calculate the average of the numbers in the list

- find the sum of all the even numbers in the list

- find the total number of elements in the list divisible by both 5 and 3

**Scala code:**

* Defined a list with numbers from 1 to 10
* Used in-bulit fucntions like length or size(no of elements in list),sum,average
* Filtered the data to fetch only even numbers and displayed sum for the same
* For last statement there are no of elements available in the list which is divisible by both ‘5’ and ‘3’ hence returned ‘0’ as result



**Output:**

