

Problem Description :

You need to create a generic class named "EvenOddCounter" that is bound to "Number" types through generics. The class has a method named "getCount", which takes a generic list of numbers (int, double, float) and an operation string as the method parameter inputs and returns the number of counts for the specified operation. If you specify a list -

```
List<Integer> integers = List.of(1, 2, 3, 4, 5, 6, 7, 8, 9);
```

The method should return the count as follows -

```
getCount(integers, "even") // returns count 4 for even in list  
getCount(integers, "odd") // returns count 5 for odd in list
```

Change Request :

A new operation, "Multiples of Three," needs to be included in the operations. To implement this new change, you must make sure to follow the principles of OCP.

HINT :

1. You can follow the strategy design pattern for different types of count operations.