

1. **isPrime Method:**

- Checks whether a given number is prime or not.

2. **count Method:**

- Uses generics to count elements based on a specified type (even, odd, prime, or palindrome).
- Loops through the array and increments the corresponding count based on the specified type.
- Prints the total count for the specified type.

3. **main Method:**

- Creates different arrays of various numeric types (Integer, Byte, Short, Long).
- Calls the **count** method with specific types of arrays to count even, odd, prime, and palindromic numbers.
- Prints the total counts for each type.

4. **Explanation of Operations:**

- For **iarray** (Integer array), it counts even numbers.
- For **barray** (Byte array), it counts even numbers.
- For **sarray** (Short array), it counts odd numbers.
- For **larray** (Long array), it counts odd numbers.
- For **barray** (Byte array), it counts prime numbers.
- For **iarray** (Integer array), it counts palindromic numbers.

In summary, this program demonstrates how to use generics to create a reusable method for counting specific properties of numeric arrays, making it flexible for different types of numeric elements.