

```
1 package com.publiccept;
2
3 public class Main {
4
5     public static void main(String[] args) {
6
7         // == fields ==
8         byte byteValue = 10;
9         short shortValue = 100;
10        int intValue = 1000;
11
12        // = 3000011100 - solution 1
13        long longTotal = 30_00_000_000L + 10 * ((long) byteValue + (long) shortValue + (long) intValue);
14        System.out.println("Long Total 1: " + longTotal);
15
16        // BEST SOLUTION!
17        // = 3000011100 - solution 2:
18        longTotal = 30_00_000_000L + 10L * (byteValue + shortValue + intValue);
19        System.out.println("Long Total 2: " + longTotal);
20
21        // = 3000011100 - solution 3
22        longTotal = 30_00_000_000L + 10 * (byteValue + shortValue + intValue);
23        System.out.println("Long Total 3: " + longTotal);
24
25        // short must be casted
26        short shortTotal = (short) (1000 + 10 * (byteValue + shortValue + intValue));
27        System.out.println("Short Total: " + shortTotal);
28    }
29 }
30
```