((( 3291 + 88581 ) / 14) + (( 1116 % 171 ) \* 5)) - (312 / ( 4 + 18 ))

a += b; //now a is 14 and b is 9

b = a -b; //now a is 14 but b is 5 (original value of a)

a -= b; //now a is 9 and b is 5, numbers are swapped

A B A^B (A XOR B)

0 0 0 (zero because operands are same)

0 1 1

1 0 1 (one because operands are different)

1 1 0

int a = 5; //0101 in binary

int b = 9; //1001 in binary

System.out.println("value of a and b before swapping, a: " + a +" b: " + b);

//swapping value of two numbers without using temp variable and XOR bitwise operator

a = a^b; //now a is 12 and b is 9

b = a^b; //now a is 12 but b is 5 (original value of a)

a = a^b; //now a is 9 and b is 5, numbers are swapped

System.out.println("value of a and b after swapping using XOR bitwise operation, a: " + a +" b: " + b);

value of a and b before swapping, a: 5 b: 9

value of a and b after swapping using XOR bitwise operation, a: 9 b: 5