**PRIMITIVE DATA TYPE 🡪 ARITHMETIC OPRETINING STATEMENTS.**

**public** **class** Arithmetic {

**public** **static** **void** main (String [] args) {

// **TODO** Auto-generated method stub

**int** a=23;

**int** b=100;

System.***out***.println("Sum of a and b is =" +(a+b)); // I just Sum two same arithmetic data types Int. result positive.

**int** c=23;

**short** d=34;

System.***out***.println("Sum of c and d is ="+(c+d)); // I just Sum two different arithmetic data types Int and Short. result positive.

**int** E= 234;

**short** F= 1000;

**long** G= 20000000;

System.***out***.println("Sum of E and F and G and H is = "+(E+F+G)); // I just sum three different arithmetic Int, Short, Long in the same statement. result is positive.

**int** H= 234;

**short** I= 1000;

**long** J= 20000000;

**double** K= 23.34;

System.***out***.println("Sum of H and I and J and K is = "+(H+I+J+K)) ;// I just Sum 4 numeric arithmetic in the same statement Int, Short,Long,and double.

// since double is a decimal number and I got the result negative.

// THE SAME PRUCYGER WE CAN APPLY FOR MINUS -

System.***out***.println("diff of a and b ="+(a-b)) ;// result positive.

System.***out***.println("diff of c and d is ="+(c-d)) ;// result positive.

System.***out***.println("diff of G and F and E is ="+(G-F-E)) ;// result positive.

System.***out***.println("diff of G,F,E,H is ="+(G-F-E-K));// Negative result.

// THE SAME PRUCYGER WE CAN APPLY FOR MULTIPLE \*

System.***out***.println("mult of a and b is:"+(a\*b)); // Result positive.

System.***out***.println("mult of c and is ="+(c\*d)); // result positive.

System.***out***.println("mult of E and F and G is ="+(E\*F\*G)); // Result Positive.

System.***out***.println("mult of H and I and J and K is ="+(H\*I\*J\*K)); // Negative result.

//THE SAME PRUCYGER WE CAN APPLY FOR DEVIDED /

System.***out***.println("diff of b and a is ="+(b/a)) ;// result positive.

System.***out***.println("diff of d and c is ="+(d/c)) ;// result positive.

System.***out***.println("diff of G and F and E is ="+(G/F/E)) ;// result positive.

System.***out***.println("diff of J and I and H and K is ="+(J/I/H/K));// result is not positive.

**PRIMITIVE DATA TYPE 🡪 ARITHMETIC OPRETINING STATEMENTS RESULTS.**

Sum of a and b is =123

Sum of c and d is =57

Sum of E and F and G and H is = 20001234

Sum of H and I and J and K is = 2.000125734E7

diff of a and b =-77

diff of c and d is =-11

diff of G and F and E is =19998766

diff of G, F,E,H is =1.999874266E7

mult of a and b is:2300

mult of c and is =782

mult of E and F and G is =4680000000000

mult of H and I and J and K is =1.092312E14

diff of b and a is =4

diff of d and c is =1

diff of G and F and E is =85

diff of J and I and H and K is =3.6418166238217653