/\*program example on Relational operators\*/

class Relational{

public static void main(String []args){

int a=10;

int b=20;

int c=5;

int d=2;

System.out.println("equals result :" + (a==b));

System.out.println("not equal result :" + (b!=a));

System.out.println("greater than result :" + (c>d));

System.out.println("less than result :" + (d<a));

System.out.println("greater than or equal result :" + (b>=c));

System.out.println("less than or equal result :" + (b<=c));

}

}

/\*program example on Logical operators\*/

class Logical{

public static void main(String []args){

boolean a=true;

boolean b=false;

System.out.println("AND result :" + (true&&false));

System.out.println("OR result :" + (true||false));

System.out.println("AND result :" + (a&&b));

System.out.println("OR result :" + (a||b));

}

}

/\*program example on arithmetic operators\*/

class Arithmetic{

public static void main(String []args){

int a=10;

int b=20;

int c=5;

int d=2;

System.out.println("addition result :" + (a+b));

System.out.println("subtraction result :" + (b-a));

System.out.println("multiplication result :" + (c\*d));

System.out.println("divison result :" + (b/c));

System.out.println("modulo result :" + (c%d));

}

}