public class ThrowDemo

{

public static void main(String[] args)

{

int a=45,b=0,rs;

try

{

if(b==0)

throw(new ArithmeticException("Can't divide by zero."));

else

{

rs = a / b;

System.out.print("\n\tThe result is : " + rs);

}

}

catch(ArithmeticException Ex)

{

System.out.print("\n\tError : " + Ex.getMessage());

}

System.out.print("\n\tEnd of program.");

}

}