**package** custom;

**import** java.util.Scanner;

**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.");

}

}

**package** custom;

**public** **class** Throws {

**void** Division() **throws** ArithmeticException

{

**int** a=45,b=0,rs;

rs = a / b;

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

}

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

{

Throws T = **new** Throws();

**try**

{

T.Division();

}

**catch**(ArithmeticException Ex)

{

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

}

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

}

}



