public class exception

{

static int num=50;

static void func()throws ArithmeticException

{

if(num>10)

throw new ArithmeticException("Exception by Throw\n");

else

System.out.println("Num < 10\n");

}

public static void main(String args[])

{

try

{

num=52/0;

}

catch(Exception e)

{

System.out.println("Exception Caught by Try and Catch : "+e+"\n");

}

try

{

try

{

int num=52/0;

}

finally

{

System.out.println("Finally Exception Executed");

}

}

catch(Exception f)

{

System.out.println("Exception Caught by Try and Catch from Finally : "+f+"\n");

}

try

{

exception.func();

}

catch(Exception g)

{

System.out.println("Exception Caught by Try and Catch from Throws : "+g+"\n");

}

}

}

