Throw Keyword

package Practise;

public class Throw\_Exceptions {

public static void main(String[] args)

{

int a=100,b=0,divide;

try

{

if(b==0)

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

else

{

divide = a / b;

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

}

}

catch(ArithmeticException Ex)

{

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

}

System.***out***.print("\nStop");

}

}

Throws Keyword

package Practise;

public class Throws\_Exceptions {

void Division() throws ArithmeticException

{

int a=100,b=0,divide;

divide= a / b;

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

}

public static void main(String[] args)

{

Throws\_Exceptions T = new Throws\_Exceptions();

try

{

T.Division();

}

catch(ArithmeticException e)

{

System.***out***.print("\n Throw error : " + e.getMessage());

}

System.***out***.print("\n stop");

}

}

Finally Keyword

package Practise;

public class Try\_Catch {

public static void main(String[] args) {

int x[]=new int[6];

try {

x[9]=9;

}

catch(ArrayIndexOutOfBoundsException e) {

System.***out***.println("out of range");

}

finally

{

System.***out***.println(x.length);

}

}

}

Custom Exception

package Practise;

public class Custom\_keyword extends Exception {

public Custom\_keyword (String s)

{

super(s);

}

}

package Practise;

public class custom2 {

public static void main(String[] args) {

{

try

{

throw new Custom\_keyword("Hello");

}

catch (Custom\_keyword e)

{

System.***out***.println("Caught");

System.***out***.println(e.getMessage());

}

}

}

}