**package** sample;

**public** **class** SampleExceptions {

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

// **TODO** Auto-generated method stub

**try**{

System.***out***.println(10/0);

}

**catch**(ArithmeticException ae){

System.***out***.println("getMessage o/p");

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

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

System.***out***.println("toString o/p");

System.***out***.println(ae.toString());

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

System.***out***.println("toPrintStackTrace o/p");

ae.printStackTrace();

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

**throw** ae;

}

}

}

**package** sample2;

**public** **class** Sample2Exceptions {

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

// **TODO** Auto-generated method st

**try**{

**int** a =10;

**int** b=20;

**int** c =a/b;

System.***out***.println(c);

}

**catch**(ArrayIndexOutOfBoundsException aiob){

System.***out***.println("please pass atleast two integer values");

}

**catch**(NumberFormatException nfe){

System.***out***.println("please pass only interger values");

}

**catch**(ArithmeticException ae){

System.***out***.println("please do not pass seoocnd values as zero");

}

}

}

**package** sample3;

**public** **class** Sample3Exceptions {

@SuppressWarnings("finally")

**static** **int** m1(){

**try**{

System.***out***.println("in try block");

System.***out***.println(10/0);

}**catch**(NullPointerException npe){

System.***out***.println(" in catch block");

}

**finally**{

System.***out***.println("in finally block");

**return** 30;

}

}

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

System.***out***.println(*m1*());

}

}