# Where have the ball been before the problem?

## Topics: exceptions, file system access

There is a ball that could move at any point on XY coordinates (10x10).

Implement a simple console application that moves a ball a few times and outputs the value of the current position. In case the ball crashes into the wall (X=0 or Y=0) or appears behind it (X or Y a less than 0) the program should throw an exception. Catch and log the exception in the console and stop moving the ball. Also output the entire path of the ball till the exception is thrown.

## Requirements:

1. Each new point for the ball must be logged to a text file.
2. The ball gets the random coordinates every time.

## Additional notes:

Implement a custom exception. It should have an overridden Message field that returns the entire path for a ball from the text file.