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package pbt.iotest;

import java.io.FileInputStream;
import java.io.FileNotFoundException;
import java.io.IOException;
import java.io.ObjectInputStream;

/**
 * ReadObjects, permet la relecture des objets écrits via
 * WriteObjects dans le fichier "myobjects.data".
 *
 * @author pbt
 */
public class ReadObjects {

    public static void main(String[] args) {
        final String FILENAME = "myobject.data" ;
        ObjectInputStream ois ;
        MyObject mo ;
        Integer i ;
        int j ;

        try {
            System.out.println("Ouverture du fichier " +
                               FILENAME + " en lecture");
            ois = new ObjectInputStream (
                    new FileInputStream( FILENAME )) ;
            System.out.println("Lecture d'un objet \"MyObject\");
            mo = (MyObject) ois.readObject() ;
            System.out.println("\t" + mo);

            System.out.println("Lecture d'un objet \"Integer\");
            i = (Integer) ois.readObject() ;
            System.out.println("\t" + i);

            System.out.println("Lecture d'un \"int\");
            j = ois.readInt() ;
            System.out.println("\t" + j );
        } catch ( FileNotFoundException fnfe ) {
            System.err.println("File not found " );
        } catch ( IOException ioe ) {
            System.err.println("IO Exception");
        } catch ( ClassNotFoundException cnfe ) {
            System.err.println("Class not found");
        }
    }
}
```