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\* |DESCRIPTION: This program sets out with a few things to accomplish. |

\* |To create two threads as to add and delete data. These are classes that |

\* |implement Runnable so that they can be wrapped into threads that can be |

\* |launched simultaneously. The storage and delete information are with in |

\* |they're respective classes. A buffer class is created with store and |

\* |clear functions. |

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\* |We instance a buffer Object, pass that to the add and delete threads and|

\* |give the add and delete over to executor to launch these threads. |

\* |Storage is done with two parallel arrays, one for String to display the |

\* | specific computer and the other for the integer value that is added. |

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import java.io.File;

import java.io.FileNotFoundException;

import java.io.PrintWriter;

import java.util.concurrent.ExecutorService;

import java.util.concurrent.Executors;

public class main {

public static void main(String[] args) throws FileNotFoundException {

PrintWriter outf1;

outf1 = new PrintWriter(new File("ThreadsCooperating.txt"));

ExecutorService executor=Executors.newFixedThreadPool(2);

// Create the buffer objects

Buffer Buf1 = new Buffer(outf1);

Add tadd=new Add(Buf1);

Delete tdelete = new Delete(Buf1);

executor.execute(tadd);

executor.execute(tdelete);

System.out.println("Thread add and delete created and launched");

System.out.flush();

outf1.println("Thread add and delete created and launched");

outf1.flush();

executor.shutdown();

while(!executor.isTerminated());

System.out.println("What is in the Buffer?");

Buf1.printdata();

System.out.flush();

}

}