/\* ----------------------------------------------------------------------------

\* This file was automatically generated by SWIG (http://www.swig.org).

\* Version 4.0.2

\*

\* Do not make changes to this file unless you know what you are doing--modify

\* the SWIG interface file instead.

\* ----------------------------------------------------------------------------- \*/

package com.twitter.ann.faiss;

public class Clustering1D extends Clustering {

private transient long swigCPtr;

protected Clustering1D(long cPtr, boolean cMemoryOwn) {

super(swigfaissJNI.Clustering1D\_SWIGUpcast(cPtr), cMemoryOwn);

swigCPtr = cPtr;

}

protected static long getCPtr(Clustering1D obj) {

return (obj == null) ? 0 : obj.swigCPtr;

}

@SuppressWarnings("deprecation")

protected void finalize() {

delete();

}

public synchronized void delete() {

if (swigCPtr != 0) {

if (swigCMemOwn) {

swigCMemOwn = false;

swigfaissJNI.delete\_Clustering1D(swigCPtr);

}

swigCPtr = 0;

}

super.delete();

}

public Clustering1D(int k) {

this(swigfaissJNI.new\_Clustering1D\_\_SWIG\_0(k), true);

}

public Clustering1D(int k, ClusteringParameters cp) {

this(swigfaissJNI.new\_Clustering1D\_\_SWIG\_1(k, ClusteringParameters.getCPtr(cp), cp), true);

}

public void train\_exact(long n, SWIGTYPE\_p\_float x) {

swigfaissJNI.Clustering1D\_train\_exact(swigCPtr, this, n, SWIGTYPE\_p\_float.getCPtr(x));

}

}