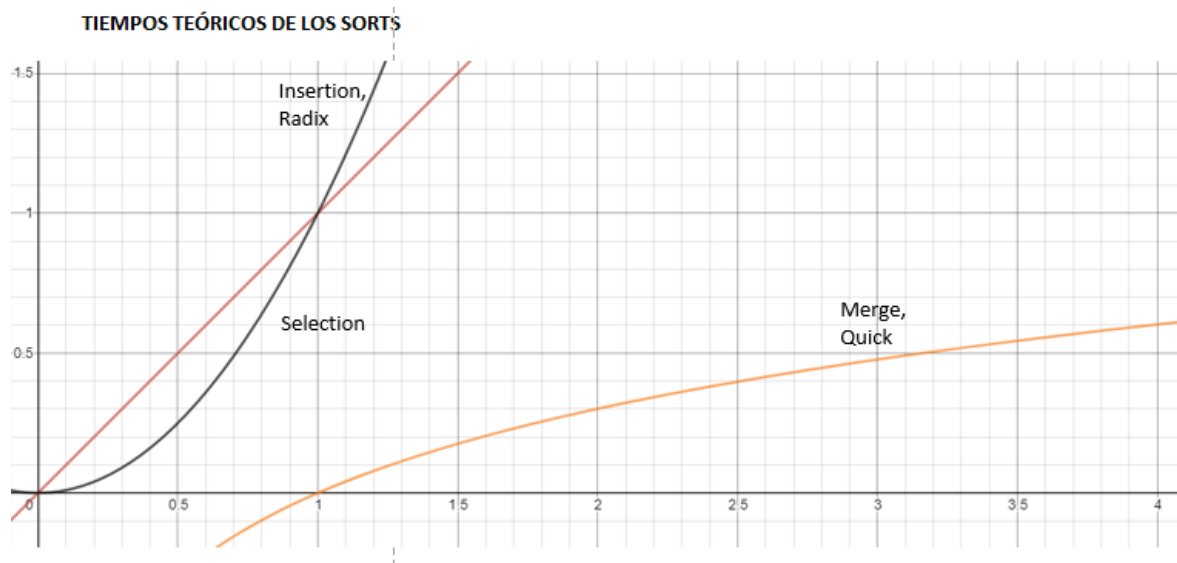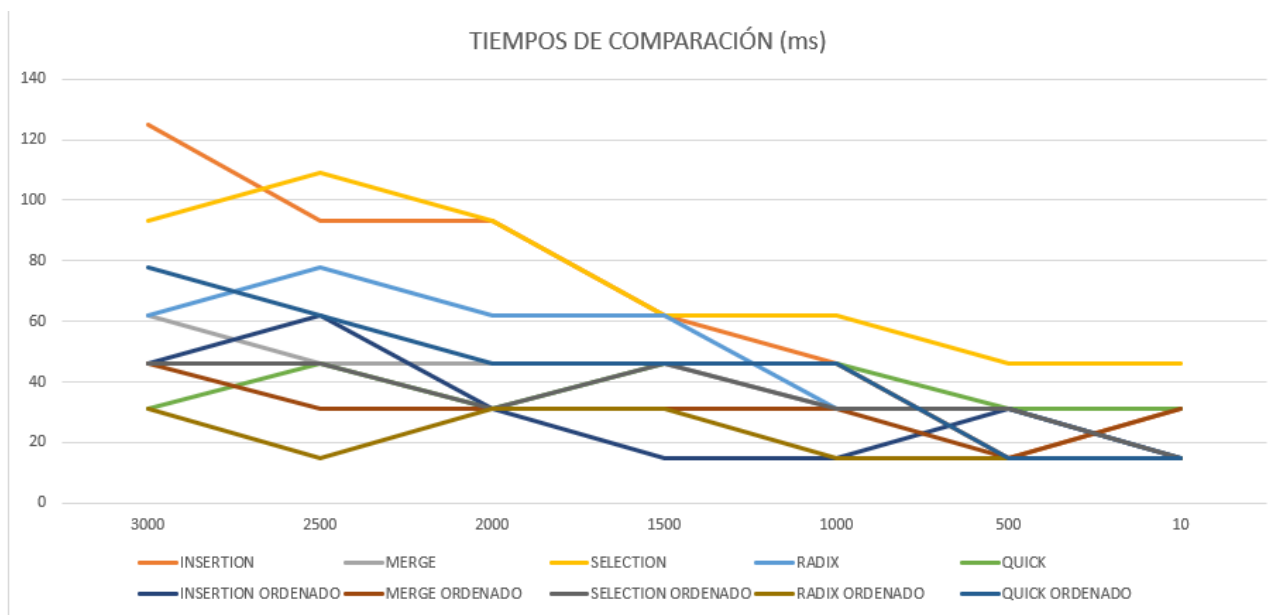Andrea Amaya 19357

DATOS DE GRÁFICAS

Se hizo uso del profiler de Eclipse, haciendo uso de JavaKit para poder ver los tiempos de corrida. Los resultados obtenidos se encuentran en las siguientes hojas.
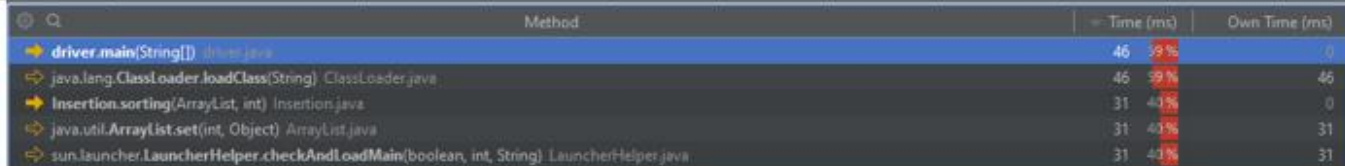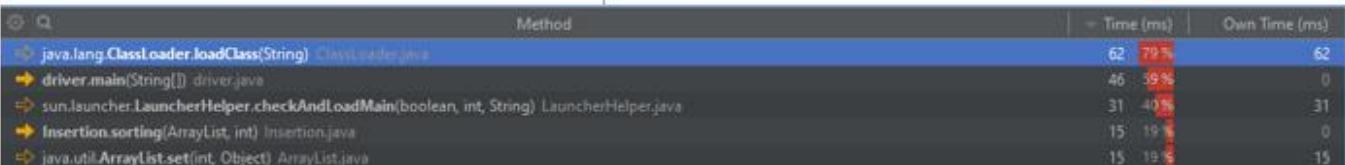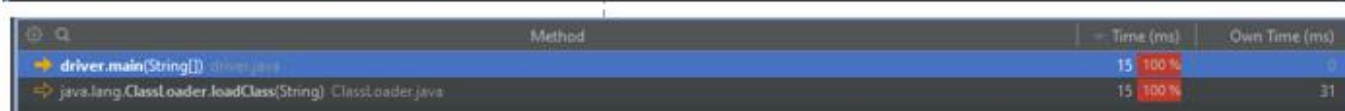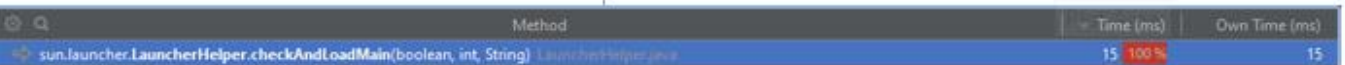
CANTIDAD DE DATOS	TIEMPO EN DATOS DESORDENADOS (ms)				
	INSERTION	MERGE	SELECTION	RADIX	QUICK
3000	125	62	93	62	31
2500	93	46	109	78	46
2000	93	46	93	62	31
1500	62	46	62	62	46
1000	46	31	62	31	46
500	15	31	46	31	31
10	31	31	46	15	31

TIEMPO EN DATOS ORDENADOS (ms)				
INSERTION ORDENADO	MERGE ORDENADO	SELECTION ORDENADO	RADIX ORDENADO	QUICK ORDENADO
46	46	46	31	78
62	31	46	15	62
31	31	31	31	46
15	31	46	31	46
15	31	31	15	46
31	15	31	15	15
15	31	15	15	15

TIEMPO TEÓRICO INSTERTION	TIEMPO TEÓRICO MERGE	TIEMPO TEÓRICO SELECTION	TIEMPO TEÓRICO RADIX	TIEMPO TEÓRICO QUICK
3.00E+03	1.04E+04	9.00E+06	3.00E+03	1.04E+04
2.50E+03	8.49E+03	6.25E+06	2.50E+03	8.49E+03
2.00E+03	6.60E+03	4.00E+06	2.00E+03	6.60E+03
1.50E+03	4.76E+03	2.25E+06	1.50E+03	4.76E+03
1.00E+03	3.00E+03	1.00E+06	1.00E+03	3.00E+03
5.00E+02	1.35E+03	2.50E+05	5.00E+02	1.35E+03
1.00E+01	1.00E+01	1.00E+02	1.00E+01	1.00E+01

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TIEMPOS DE COMPARACIÓN (ms)

	3000	2500	2000	1500	1000	500	10

Legend:
- INSERTION
- MERGE
- SELECTION
- RADIX
- QUICK
- INSERTION ORDENADO
- MERGE ORDENADO
- SELECTION ORDENADO
- RADIX ORDENADO
- QUICK ORDENADO

TIEMPOS TEÓRICOS DE LOS SORTS

Insertion, Radix

Selection

Merge, Quick

INSERTION ORDENADOS

3000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	46	59 %	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	46	59 %	46
Insertion.sorting(ArrayList, int) Insertion.java	31	41 %	0
java.util.ArrayList.set(int, Object) ArrayList.java	31	41 %	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	41 %	31

2500 datos

Method	Time (ms)		Own Time (ms)
java.lang.ClassLoader.loadClass(String) ClassLoader.java	62	79 %	62
driver.main(String[]) driver.java	46	59 %	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	40 %	31
Insertion.sorting(ArrayList, int) Insertion.java	15	19 %	0
java.util.ArrayList.set(int, Object) ArrayList.java	15	19 %	15

2000 datos

Method	Time (ms)		Own Time (ms)
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31	100 %	31
driver.main(String[]) driver.java	15	48 %	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	48 %	15

1500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	15	100 %	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	15	100 %	31

1000 datos

Method	Time (ms)		Own Time (ms)
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	100 %	15

500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	31	100 %	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31	100 %	31

10 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	15	100 %	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	15	100 %	15

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INSERTION NO ORDENADOS

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	125	89 %	0
Insertion.sorting(ArrayList, int) Insertion.java	62	44 %	62
java.io.OutputStreamWriter.close() OutputStreamWriter.java	46	33 %	46
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31	22 %	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	11 %	15

3000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	93	85 %	15
Insertion.sorting(ArrayList, int) Insertion.java	31	28 %	31
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	28 %	31
java.io.Writer.write(String) Writer.java	15	14 %	15
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	14 %	15

2500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	93	100 %	0
java.io.FileWriter.<init>(String, boolean) FileWriter.java	46	49 %	46
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	33 %	31
java.io.PrintWriter.<init>(String) PrintWriter.java	15	16 %	15

2000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	62	79 %	0
Insertion.sorting(ArrayList, int) Insertion.java	31	40 %	31
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	40 %	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	19 %	15

1500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	46	59 %	0
Insertion.sorting(ArrayList, int) Insertion.java	31	40 %	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	40 %	31
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	19 %	15

1000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	15	100 %	0
Insertion.sorting(ArrayList, int) Insertion.java	15	100 %	15

500 datos

Method	Time (ms)		Own Time (ms)
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31	100 %	31
driver.main(String[]) driver.java	15	48 %	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	48 %	15

10 datos

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MERGE NO ORDENADO

3000 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	46 74 %	0
java.io.FileReader.<init>(String) FileReader.java	31 50 %	31
java.io.BufferedReader.readLine() BufferedReader.java	15 24 %	15
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 24 %	15

2500 datos

Method	Time (ms)	Own Time (ms)
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31 67 %	31
driver.main(String[]) driver.java	15 33 %	0
java.io.BufferedReader.readLine() BufferedReader.java	15 33 %	15

2000 datos

Method	Time (ms)	Own Time (ms)
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31 100 %	31
driver.main(String[]) driver.java	15 48 %	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 48 %	15

1500 datos

Method	Time (ms)	Own Time (ms)
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31 100 %	31
driver.main(String[]) driver.java	15 48 %	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 48 %	15

1000 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	31 100 %	31

500 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	15 100 %	0
java.io.BufferedReader.close() BufferedReader.java	15 100 %	15

10 datos

Method	Time (ms)	Own Time (ms)
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31 100 %	31
driver.main(String[]) driver.java	15 48 %	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 48 %	15

MERGE ORDENADOS

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	62 79%	0	
java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	62 79%	62	**3000 datos**
java.io.**PrintWriter.close**() PrintWriter.java	46 59%	46	
sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15 19%	15	

Method	Time (ms)	Own Time (ms)	
java.lang.**ClassLoader.loadClass**(String) ClassLoader.java	46 74%	46	
driver.main(String[]) driver.java	31 50%	0	
sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	31 50%	31	**2500 datos**
Merge.mergeSortRecursive(ArrayList, ArrayList, int, int) Merge.java	15 24%	15	
Merge.sorting(ArrayList, int) Merge.java	15 24%	0	

Method	Time (ms)	Own Time (ms)	
sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	46 74%	46	**2000 datos**
driver.main(String[]) driver.java	15 24%	0	
java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	15 24%	15	

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	46 74%	0	**1500 datos**
java.io.**FileWriter.<init>**(String, boolean) FileWriter.java	31 50%	31	
java.io.**PrintWriter.close**() PrintWriter.java	15 24%	15	
sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15 24%	15	

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	31 50%	0	**1000 datos**
java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	31 50%	31	
sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	31 50%	31	

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	31 67%	0	**500 datos**
java.io.**FileWriter.<init>**(String, boolean) FileWriter.java	15 33%	15	
java.io.**PrintWriter.close**() PrintWriter.java	15 33%	15	
sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15 33%	15	

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	31 100%	0	**10 datos**
java.io.**PrintWriter.close**() PrintWriter.java	31 100%	31	

SELECTION ORDENADOS

3000 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	46 74 %	0
→	Selection.sorting(ArrayList, int) Selection.java	46 74 %	46
⇨	sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 24 %	15

2500 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	46 74 %	0
⇨	java.lang.ClassLoader.loadClass(String) ClassLoader.java	31 50 %	31
⇨	java.io.BufferedReader.close() BufferedReader.java	15 24 %	15
→	Selection.sorting(ArrayList, int) Selection.java	15 24 %	15
⇨	sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 24 %	15

2000 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	31 67 %	0
→	Selection.sorting(ArrayList, int) Selection.java	31 67 %	31
⇨	sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 33 %	15

1500 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	46 74 %	0
⇨	java.lang.ClassLoader.loadClass(String) ClassLoader.java	31 50 %	31
→	Selection.sorting(ArrayList, int) Selection.java	31 50 %	31
⇨	sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 24 %	15

1000 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	31 67 %	0
→	Selection.sorting(ArrayList, int) Selection.java	31 67 %	31
⇨	sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 33 %	15

500 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	31 100 %	15
→	Selection.sorting(ArrayList, int) Selection.java	15 48 %	15

10 datos

	Method	Time (ms)	Own Time (ms)
→	driver.main(String[]) driver.java	15 100 %	0
⇨	java.lang.ClassLoader.loadClass(String) ClassLoader.java	15 100 %	15

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SELECTION ORDENADOS

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	93	85%	0
Selection.sorting(ArrayList, int) Selection.java	46	42%	46
java.io.Writer.write(String) Writer.java	31	28%	31
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31	28%	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	14%	15

3000 datos

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	109	100%	0
java.io.OutputStreamWriter.close() OutputStreamWriter.java	46	42%	46
Selection.sorting(ArrayList, int) Selection.java	31	28%	31
java.lang.StringBuilder.<init>(String) StringBuilder.java	15	14%	15
java.util.Random.<clinit>() Random.java	15	14%	15

2500 datos

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	93	100%	0
Selection.sorting(ArrayList, int) Selection.java	46	49%	46
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	33%	31
java.io.Writer.write(String) Writer.java	15	16%	15

2000 datos

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	62	67%	0
Selection.sorting(ArrayList, int) Selection.java	31	33%	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	33%	31
java.io.FileWriter.<init>(String, boolean) FileWriter.java	15	16%	15
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	16%	15

1500 datos

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	62	67%	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	46	49%	46
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	33%	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	33%	31
Selection.sorting(ArrayList, int) Selection.java	15	16%	15

1000 datos

Method	Time (ms)	Own Time (ms)	
driver.main(String[]) driver.java	48	100%	15
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	33%	15
Selection.sorting(ArrayList, int) Selection.java	15	33%	15

500 datos

Method	Time (ms)	Own Time (ms)	
java.lang.ClassLoader.loadClass(String) ClassLoader.java	62	29%	62
driver.main(String[]) driver.java	46	39%	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	43%	31
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	19%	15

10 datos

RADIX NO ORDENADOS

3000 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	31 100%	0
java.io.BufferedReader.readLine() BufferedReader.java	15 48%	15
java.util.Vector.add(Object) Vector.java	15 48%	15
Radix.bucketPass(ArrayList, int, int) Radix.java	15 48%	0
Radix.sorting(ArrayList, int) Radix.java	15 48%	0

2500 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	15 48%	0
java.lang.Integer.parseInt(String) Integer.java	15 48%	15
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 48%	15

2000 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	31 67%	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	31 67%	46
Radix.bucketPass(ArrayList, int, int) Radix.java	15 33%	15
Radix.sorting(ArrayList, int) Radix.java	15 33%	0
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15 33%	15

1500 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	31 50%	0
java.io.BufferedReader.readLine() BufferedReader.java	31 50%	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31 50%	31

1000 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	15 100%	0
Radix.bucketPass(ArrayList, int, int) Radix.java	15 100%	0
Radix.digit(int, int) Radix.java	15 100%	15
Radix.sorting(ArrayList, int) Radix.java	15 100%	0

500 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	15 100%	0
java.lang.ClassLoader.loadClass(String) ClassLoader.java	15 100%	15

10 datos

Method	Time (ms)	Own Time (ms)
driver.main(String[]) driver.java	15 100%	15

RADIX ORDENADOS

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	62	79 %	15	
⇨ java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	15	19 %	15	3000 datos
⇨ java.io.**Writer.write**(String) Writer.java	15	19 %	15	
➡ **Radix.bucketPass**(ArrayList, int, int) Radix.java	15	19 %	15	
➡ **Radix.sorting**(ArrayList, int) Radix.java	15	19 %	0	
⇨ sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15	19 %	15	

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	78	100 %	15	2500 datos
⇨ java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	46	59 %	46	
➡ **Radix.bucketPass**(ArrayList, int, int) Radix.java	15	19 %	15	
➡ **Radix.sorting**(ArrayList, int) Radix.java	15	19 %	0	

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	62	67 %	0	
⇨ java.lang.**ClassLoader.loadClass**(String) ClassLoader.java	46	49 %	46	
⇨ java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	31	33 %	31	2000 datos
⇨ sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	31	33 %	31	
⇨ java.io.**Writer.write**(String) Writer.java	15	16 %	15	

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	62	79 %	0	
⇨ java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	31	40 %	31	
⇨ java.lang.**ClassLoader.loadClass**(String) ClassLoader.java	31	40 %	31	1500 datos
➡ **Radix.bucketPass**(ArrayList, int, int) Radix.java	15	19 %	15	
➡ **Radix.sorting**(ArrayList, int) Radix.java	15	19 %	0	
⇨ sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15	19 %	15	

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	31	100 %	0	
⇨ java.util.**Random.<clinit>**() Random.java	15	48 %	15	1000 datos
➡ **Radix.bucketPass**(ArrayList, int, int) Radix.java	15	48 %	15	
➡ **Radix.sorting**(ArrayList, int) Radix.java	15	48 %	0	

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	31	50 %	15	500 datos
⇨ sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	31	50 %	31	
⇨ java.util.**Vector.remove**(int) Vector.java	15	24 %	15	
➡ **Radix.bucketPass**(ArrayList, int, int) Radix.java	15	24 %	0	
➡ **Radix.sorting**(ArrayList, int) Radix.java	15	24 %	0	

Method	Time (ms)		Own Time (ms)	
➡ **driver.main**(String[]) driver.java	15	48 %	0	
⇨ java.io.**OutputStreamWriter.close**() OutputStreamWriter.java	15	48 %	15	10 datos
⇨ sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15	48 %	15	

QUICK NO ORDENADOS

3000 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	78 100%	0
⇨	java.io.**BufferedReader.close**() BufferedReader.java	31 41%	31
→	**Quick.partition**(ArrayList, int, int) Quick.java	31 41%	31
→	**Quick.quickSortRecursive**(ArrayList, int, int) Quick.java	31 41%	0
→	**Quick.sorting**(ArrayList, int) Quick.java	31 41%	0
⇨	java.lang.**ClassLoader.loadClass**(String) ClassLoader.java	15 19%	15

2500 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	62 100%	31
→	**Quick.partition**(ArrayList, int, int) Quick.java	31 50%	31
→	**Quick.quickSortRecursive**(ArrayList, int, int) Quick.java	31 50%	0
→	**Quick.sorting**(ArrayList, int) Quick.java	31 50%	0

2000 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	46 49%	0
⇨	sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	46 49%	46
→	**Quick.partition**(ArrayList, int, int) Quick.java	31 33%	31
→	**Quick.quickSortRecursive**(ArrayList, int, int) Quick.java	31 33%	0
→	**Quick.sorting**(ArrayList, int) Quick.java	31 33%	0
⇨	java.io.**BufferedReader.readLine**() BufferedReader.java	15 16%	15

1500 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	46 49%	0
⇨	java.lang.**ClassLoader.loadClass**(String) ClassLoader.java	46 49%	46
→	**Quick.partition**(ArrayList, int, int) Quick.java	31 49%	31
→	**Quick.quickSortRecursive**(ArrayList, int, int) Quick.java	31 49%	0
→	**Quick.sorting**(ArrayList, int) Quick.java	31 49%	0
⇨	sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	31 49%	31

1000 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	46 100%	31
→	**Quick.partition**(ArrayList, int, int) Quick.java	15 33%	15
→	**Quick.quickSortRecursive**(ArrayList, int, int) Quick.java	15 33%	0
→	**Quick.sorting**(ArrayList, int) Quick.java	15 33%	0

500 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	15 49%	0
⇨	java.io.**BufferedReader.close**() BufferedReader.java	15 49%	15
⇨	sun.launcher.**LauncherHelper.checkAndLoadMain**(boolean, int, String) LauncherHelper.java	15 49%	15

10 datos

⚙ Q	Method	Time (ms)	Own Time (ms)
→	**driver.main**(String[]) driver.java	15 100%	0
⇨	java.lang.**ClassLoader.loadClass**(String) ClassLoader.java	15 100%	15

Andrea Amaya 19357

QUICK ORDENADOS

3000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	31	100 %	0
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	48 %	15
java.io.PrintWriter.<init>(String) PrintWriter.java	15	48 %	15

2500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	46	100 %	0
java.io.Writer.write(String) Writer.java	31	67 %	31
java.io.PrintWriter.close() PrintWriter.java	15	33 %	15

2000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	31	100 %	0
java.io.Writer.write(String) Writer.java	15	48 %	15
java.lang.ClassLoader.loadClass(String) ClassLoader.java	15	48 %	15

1500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	46	59 %	15
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	40 %	31
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	40 %	31

1000 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	46	100 %	0
java.io.OutputStreamWriter.close() OutputStreamWriter.java	31	67 %	31
java.io.PrintWriter.<init>(String) PrintWriter.java	15	33 %	15

500 datos

Method	Time (ms)		Own Time (ms)
driver.main(String[]) driver.java	31	67 %	15
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	33 %	15
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	15	33 %	15

10 datos

Method	Time (ms)		Own Time (ms)
sun.launcher.LauncherHelper.checkAndLoadMain(boolean, int, String) LauncherHelper.java	31	67 %	31
driver.main(String[]) driver.java	15	33 %	0
java.io.OutputStreamWriter.close() OutputStreamWriter.java	15	33 %	15