

HW7\Terminal Output.txt

```
sean@Sean-Desktop MINGW64 ~/Documents/Northeastern-EECE2160-Embedded-Design (main)
$ /usr/bin/env c:\\Users\\sean\\.vscode\\extensions\\ms-vscode.cpptools-1.23.1-win32-
x64\\debugAdapters\\bin\\WindowsDebugLauncher.exe --stdin=Microsoft-MIEngine-In-
zb02psp3.wuj --stdout=Microsoft-MIEngine-Out-nlftakfk.5zs --stderr=Microsoft-MIEngine-
Error-ez53ye4c.e0f --pid=Microsoft-MIEngine-Pid-ofbvdoaw.pl1 --
dbgExe=C:\\msys64\\ucrt64\\bin\\gdb.exe --interpreter=mi
Number of Records to read? 10
```

Original Records:

Car Records:

```
-----
2009, silver, Ford, Expedition
2015, blue, Honda, Fit
2013, yellow, Ford, Fusion
1999, red, Jeep, Cherokee
1996, gold, Mazda, Protogex
2013, yellow, Ford, Fusion
2016, green, Subaru, Outback
2006, white, Toyota, Corolla
1993, pink, Dodge, Neon
2015, blue, Honda, Fit
```

Sorted by Year:

Car Records:

```
-----
2016, green, Subaru, Outback
2015, blue, Honda, Fit
2015, blue, Honda, Fit
2013, yellow, Ford, Fusion
2013, yellow, Ford, Fusion
2009, silver, Ford, Expedition
2006, white, Toyota, Corolla
1999, red, Jeep, Cherokee
1996, gold, Mazda, Protogex
1993, pink, Dodge, Neon
```

Sorted by Make:

Car Records:

```
-----
1993, pink, Dodge, Neon
2013, yellow, Ford, Fusion
2013, yellow, Ford, Fusion
2009, silver, Ford, Expedition
2015, blue, Honda, Fit
2015, blue, Honda, Fit
1999, red, Jeep, Cherokee
1996, gold, Mazda, Protogex
2016, green, Subaru, Outback
2006, white, Toyota, Corolla
```

Duplicate Records:

2013, yellow, Ford, Fusion

2015, blue, Honda, Fit

```
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$ /usr/bin/env c:\\Users\\sean\\.vscode\\extensions\\ms-vscode.cpptools-1.23.1-win32-
x64\\debugAdapters\\bin\\WindowsDebugLauncher.exe --stdin=Microsoft-MIEngine-In-
pswziesc.jg0 --stdout=Microsoft-MIEngine-Out-5rrnab4j.oux --stderr=Microsoft-MIEngine-
Error-ki3sqm1o.spd --pid=Microsoft-MIEngine-Pid-fmjqmiaf.raa --
dbgExe=C:\\msys64\\ucrt64\\bin\\gdb.exe --interpreter=mi
```

Number of Records to read? 15

Original Records:

Car Records:

2009, silver, Ford, Expedition

2015, blue, Honda, Fit

2013, yellow, Ford, Fusion

1999, red, Jeep, Cherokee

1996, gold, Mazda, Protogex

2013, yellow, Ford, Fusion

2016, green, Subaru, Outback

2006, white, Toyota, Corolla

1993, pink, Dodge, Neon

2015, blue, Honda, Fit

Sorted by Year:

Car Records:

2016, green, Subaru, Outback

2015, blue, Honda, Fit

2015, blue, Honda, Fit

2013, yellow, Ford, Fusion

2013, yellow, Ford, Fusion

2009, silver, Ford, Expedition

2006, white, Toyota, Corolla

1999, red, Jeep, Cherokee

1996, gold, Mazda, Protogex

1993, pink, Dodge, Neon

Sorted by Make:

Car Records:

1993, pink, Dodge, Neon

2013, yellow, Ford, Fusion

2013, yellow, Ford, Fusion

2009, silver, Ford, Expedition

2015, blue, Honda, Fit

2015, blue, Honda, Fit

1999, red, Jeep, Cherokee

1996, gold, Mazda, Protogex

2016, green, Subaru, Outback

2006, white, Toyota, Corolla

Duplicate Records:

2013, yellow, Ford, Fusion

2015, blue, Honda, Fit

```
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$ /usr/bin/env c:\\Users\\sean\\.vscode\\extensions\\ms-vscode.cpptools-1.23.1-win32-
x64\\debugAdapters\\bin\\WindowsDebugLauncher.exe --stdin=Microsoft-MIEngine-In-
ymi3ydxo.lwd --stdout=Microsoft-MIEngine-Out-qzrrq1of.lxg --stderr=Microsoft-MIEngine-
Error-yu5qsizf.4a1 --pid=Microsoft-MIEngine-Pid-qf3stjj1.jak --
dbgExe=C:\\msys64\\ucrt64\\bin\\gdb.exe --interpreter=mi
Number of Records to read? 5
```

Original Records:

Car Records:

2009, silver, Ford, Expedition

2015, blue, Honda, Fit

2013, yellow, Ford, Fusion

1999, red, Jeep, Cherokee

1996, gold, Mazda, Protogex

Sorted by Year:

Car Records:

2015, blue, Honda, Fit

2013, yellow, Ford, Fusion

2009, silver, Ford, Expedition

1999, red, Jeep, Cherokee

1996, gold, Mazda, Protogex

Sorted by Make:

Car Records:

2013, yellow, Ford, Fusion

2009, silver, Ford, Expedition

2015, blue, Honda, Fit

1999, red, Jeep, Cherokee

1996, gold, Mazda, Protogex

Duplicate Records:

No duplicate records found.

```
sean@Sean-Desktop MINGW64 ~/Documents/Northeastern-EECE2160-Embedded-Design (main)
$
```