Time (sec) 2100000.000000

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Name an item ID or type 'done'

---------------------------------------------------------------------

Order Distance Path

1321 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

end 30 (15,4) (15,5) (14,5) (13,5) (12,5) (11,5) (10,5) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18)(1,19) (1,20)

Total Distance = 49

---------------------------------------------------------------------

Order Distance Path

1321 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

end 30 (15,4) (15,5) (14,5) (13,5) (12,5) (11,5) (10,5) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18)(1,19) (1,20)

Total Distance = 49

Time (sec) 0.000000

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.VQ0NHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make

g++ -c -o main.o main.cpp

g++ -O3 -g -pg -Wall -o main main.o Parser.o Mapper.o

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Name an item ID or type 'done'

---------------------------------------------------------------------

Order Distance Path

1321 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

end 30 (15,4) (15,5) (14,5) (13,5) (12,5) (11,5) (10,5) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18)(1,19) (1,20)

Total Distance = 49

---------------------------------------------------------------------

Order Distance Path

1321 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

end 30 (15,4) (15,5) (14,5) (13,5) (12,5) (11,5) (10,5) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18)(1,19) (1,20)

Total Distance = 49

Time (sec) 10000.000000

[babadine@laguna W3]$ valgrind ./main

==154534== Memcheck, a memory error detector

==154534== Copyright (C) 2002-2012, and GNU GPL'd, by Julian Seward et al.

==154534== Using Valgrind-3.8.1 and LibVEX; rerun with -h for copyright info

==154534== Command: ./main

==154534==

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

==154534== Use of uninitialised value of size 8

==154534== at 0x360E8EBC30: profil\_counter (profil.c:42)

==154534== by 0x360E83250F: ??? (in /lib64/libc-2.12.so)

==154534== by 0x40DF59: Mapper::makeStock(unsigned int, unsigned int, unsigned int) (in /users/ugrad/2017/fall/babadine/EECS/AdvAlg/W3/new/W3/main)

==154534== by 0x403B52: Parser::readFile(int) (in /users/ugrad/2017/fall/babadine/EECS/AdvAlg/W3/new/W3/main)

==154534== by 0x4016AA: main (in /users/ugrad/2017/fall/babadine/EECS/AdvAlg/W3/new/W3/main)

==154534==

1Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Invalid choice. Ending Program

==154534==

==154534== HEAP SUMMARY:

==154534== in use at exit: 110,260 bytes in 1 blocks

==154534== total heap usage: 25,656 allocs, 25,655 frees, 1,474,843 bytes allocated

==154534==

==154534== LEAK SUMMARY:

==154534== definitely lost: 0 bytes in 0 blocks

==154534== indirectly lost: 0 bytes in 0 blocks

==154534== possibly lost: 0 bytes in 0 blocks

==154534== still reachable: 110,260 bytes in 1 blocks

==154534== suppressed: 0 bytes in 0 blocks

==154534== Rerun with --leak-check=full to see details of leaked memory

==154534==

==154534== For counts of detected and suppressed errors, rerun with: -v

==154534== Use --track-origins=yes to see where uninitialised values come from

==154534== ERROR SUMMARY: 1 errors from 1 contexts (suppressed: 8 from 6)

Profiling time alarm

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.JGKVHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make

g++ -c -o Parser.o Parser.cpp

g++ -O3 -g -pg -Wall -o main main.o Parser.o Mapper.o

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Name an item ID or type 'done'

---------------------------------------------------------------------

Order Distance Path

2620261 7 (0,0) (1,0) (2,0) (3,0) (3,1) (3,2) (3,3) (3,4)

end 18 (3,4) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13)(1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 25

---------------------------------------------------------------------

Order Distance Path

2620261 7 (0,0) (1,0) (2,0) (3,0) (3,1) (3,2) (3,3) (3,4)

end 18 (3,4) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13)(1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 25

Time (sec) 0.000000

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Name an item ID or type 'done'

---------------------------------------------------------------------

Order Distance Path

2620261 7 (0,0) (1,0) (2,0) (3,0) (3,1) (3,2) (3,3) (3,4)

end 18 (3,4) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13)(1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 25

---------------------------------------------------------------------

Order Distance Path

2620261 7 (0,0) (1,0) (2,0) (3,0) (3,1) (3,2) (3,3) (3,4)

end 18 (3,4) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13)(1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 25

Time (sec) 0.000000

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.FB7OHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.9L3YHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.QY6IHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.68EQHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.OSCIHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.5S3PHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.W7ROHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make

g++ -c -o main.o main.cpp

main.cpp: In function ‘int main()’:

main.cpp:33: error: ‘t’ was not declared in this scope

make: \*\*\* [main.o] Error 1

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.YDPIHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make

g++ -c -o main.o main.cpp

g++ -O3 -g -pg -Wall -o main main.o Parser.o Mapper.o

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.cav

What is the max warehouse width?

^C

[babadine@laguna W3]$

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.395PHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make

g++ -c -o main.o main.cpp

g++ -O3 -g -pg -Wall -o main main.o Parser.o Mapper.o

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Name an item ID or type 'done'

---------------------------------------------------------------------

Order Distance Path

2620261 7 (0,0) (1,0) (2,0) (3,0) (3,1) (3,2) (3,3) (3,4)

end 18 (3,4) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13)(1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 25

---------------------------------------------------------------------

Order Distance Path

2620261 7 (0,0) (1,0) (2,0) (3,0) (3,1) (3,2) (3,3) (3,4)

end 18 (3,4) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13)(1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 25

It took me 10000 clicks (0.010000 seconds).

[babadine@laguna W3]$ valgrind ./main

==154677== Memcheck, a memory error detector

==154677== Copyright (C) 2002-2012, and GNU GPL'd, by Julian Seward et al.

==154677== Using Valgrind-3.8.1 and LibVEX; rerun with -h for copyright info

==154677== Command: ./main

==154677==

What is the file name?

warehouse-grid.cs

What is the max warehouse width?

^C==154677==

==154677== HEAP SUMMARY:

==154677== in use at exit: 232,117 bytes in 9 blocks

==154677== total heap usage: 24 allocs, 15 frees, 235,153 bytes allocated

==154677==

==154677== LEAK SUMMARY:

==154677== definitely lost: 0 bytes in 0 blocks

==154677== indirectly lost: 0 bytes in 0 blocks

==154677== possibly lost: 57 bytes in 1 blocks

==154677== still reachable: 232,060 bytes in 8 blocks

==154677== suppressed: 0 bytes in 0 blocks

==154677== Rerun with --leak-check=full to see details of leaked memory

==154677==

==154677== For counts of detected and suppressed errors, rerun with: -v

==154677== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 8 from 6)

[babadine@laguna W3]$

[babadine@laguna W3]$

[babadine@laguna W3]$ valgrind ./main

==154678== Memcheck, a memory error detector

==154678== Copyright (C) 2002-2012, and GNU GPL'd, by Julian Seward et al.

==154678== Using Valgrind-3.8.1 and LibVEX; rerun with -h for copyright info

==154678== Command: ./main

==154678==

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

==154678== Use of uninitialised value of size 8

==154678== at 0x360E8EBC30: profil\_counter (profil.c:42)

==154678== by 0x360E83250F: ??? (in /lib64/libc-2.12.so)

==154678== by 0x40DF81: Mapper::makeStock(unsigned int, unsigned int, unsigned int) (in /users/ugrad/2017/fall/babadine/EECS/AdvAlg/W3/new/W3/main)

==154678== by 0x403B7A: Parser::readFile(int) (in /users/ugrad/2017/fall/babadine/EECS/AdvAlg/W3/new/W3/main)

==154678== by 0x4016AA: main (in /users/ugrad/2017/fall/babadine/EECS/AdvAlg/W3/new/W3/main)

==154678==

1Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

1

Invalid choice. Ending Program

==154678==

==154678== HEAP SUMMARY:

==154678== in use at exit: 110,332 bytes in 1 blocks

==154678== total heap usage: 25,656 allocs, 25,655 frees, 1,474,915 bytes allocated

==154678==

==154678== LEAK SUMMARY:

==154678== definitely lost: 0 bytes in 0 blocks

==154678== indirectly lost: 0 bytes in 0 blocks

==154678== possibly lost: 0 bytes in 0 blocks

==154678== still reachable: 110,332 bytes in 1 blocks

==154678== suppressed: 0 bytes in 0 blocks

==154678== Rerun with --leak-check=full to see details of leaked memory

==154678==

==154678== For counts of detected and suppressed errors, rerun with: -v

==154678== Use --track-origins=yes to see where uninitialised values come from

==154678== ERROR SUMMARY: 1 errors from 1 contexts (suppressed: 8 from 6)

Profiling time alarm

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.3L1DHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make clean

rm \*.o

[babadine@laguna W3]$ clear

[babadine@laguna W3]$

[babadine@laguna W3]$

[babadine@laguna W3]$

[babadine@laguna W3]$

(gedit:152899): Gtk-WARNING \*\*: Attempting to store changes into `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: Failed to create file '/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel.218SHZ': No such file or directory

(gedit:152899): Gtk-WARNING \*\*: Attempting to set the permissions of `/users/ugrad/2017/fall/babadine/.local/share/recently-used.xbel', but failed: No such file or directory

make

g++ -c -o main.o main.cpp

g++ -c -o Parser.o Parser.cpp

g++ -c -o Mapper.o Mapper.cpp

g++ -O3 -g -pg -Wall -o main main.o Parser.o Mapper.o

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

1

Give an order list number or type '101' to read the entire file

^C

[babadine@laguna W3]$

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.cs

Give an order list number or type '101' to read the entire file

^C

[babadine@laguna W3]$

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.csv

Give an order list number or type '101' to read the entire file

1

---------------------------------------------------------------------

Order Distance Path

219130 21 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (5,1) (5,2) (5,3) (5,4) (5,5) (5,6) (5,7) (5,8) (5,9) (5,10) (5,11) (5,12) (5,13) (5,14) (5,15) (5,16)

365285 14 (5,16) (5,15) (6,15) (7,15) (8,15) (9,15) (10,15) (11,15) (12,15) (13,15) (13,14) (13,13) (13,12(13,11) (13,10)

364695 10 (13,10) (13,9) (12,9) (11,9) (10,9) (9,9) (9,8) (9,7) (9,6) (9,5) (9,4)

end 24 (9,4) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 69

---------------------------------------------------------------------

Order Distance Path

365285 23 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (13,1) (13,2) (13,3) (13,4) (13,5) (13,6) (13,7) (13,8) (13,9) (13,10)

219130 12 (13,10) (13,11) (12,11) (11,11) (10,11) (9,11) (8,11) (7,11) (7,12) (7,13) (7,14) (7,15) (7,16)

364695 12 (7,16) (7,15) (7,14) (7,13) (7,12) (7,11) (7,10) (7,9) (7,8) (7,7) (7,6) (7,5) (7,4)

end 22 (7,4) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 69

---------------------------------------------------------------------

Order Distance Path

It took me 10000 clicks (0.010000 seconds).

[babadine@laguna W3]$ valgrind ./main

==154778== Memcheck, a memory error detector

==154778== Copyright (C) 2002-2012, and GNU GPL'd, by Julian Seward et al.

==154778== Using Valgrind-3.8.1 and LibVEX; rerun with -h for copyright info

==154778== Command: ./main

==154778==

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.csv

Give an order list number or type '101' to read the entire file

1

---------------------------------------------------------------------

Order Distance Path

219130 21 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (5,1) (5,2) (5,3) (5,4) (5,5) (5,6) (5,7) (5,8) (5,9) (5,10) (5,11) (5,12) (5,13) (5,14) (5,15) (5,16)

365285 14 (5,16) (5,15) (6,15) (7,15) (8,15) (9,15) (10,15) (11,15) (12,15) (13,15) (13,14) (13,13) (13,12(13,11) (13,10)

364695 10 (13,10) (13,9) (12,9) (11,9) (10,9) (9,9) (9,8) (9,7) (9,6) (9,5) (9,4)

end 24 (9,4) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 69

---------------------------------------------------------------------

Order Distance Path

365285 23 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (13,1) (13,2) (13,3) (13,4) (13,5) (13,6) (13,7) (13,8) (13,9) (13,10)

219130 12 (13,10) (13,11) (12,11) (11,11) (10,11) (9,11) (8,11) (7,11) (7,12) (7,13) (7,14) (7,15) (7,16)

364695 12 (7,16) (7,15) (7,14) (7,13) (7,12) (7,11) (7,10) (7,9) (7,8) (7,7) (7,6) (7,5) (7,4)

end 22 (7,4) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 69

---------------------------------------------------------------------

Order Distance Path

It took me 680000 clicks (0.680000 seconds).

==154778==

==154778== HEAP SUMMARY:

==154778== in use at exit: 110,668 bytes in 1 blocks

==154778== total heap usage: 32,489 allocs, 32,488 frees, 2,062,163 bytes allocated

==154778==

==154778== LEAK SUMMARY:

==154778== definitely lost: 0 bytes in 0 blocks

==154778== indirectly lost: 0 bytes in 0 blocks

==154778== possibly lost: 0 bytes in 0 blocks

==154778== still reachable: 110,668 bytes in 1 blocks

==154778== suppressed: 0 bytes in 0 blocks

==154778== Rerun with --leak-check=full to see details of leaked memory

==154778==

==154778== For counts of detected and suppressed errors, rerun with: -v

==154778== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 8 from 6)

Profiling time alarm

[babadine@laguna W3]$ clear

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.csv

Give an order list number or type '101' to read the entire file

2

---------------------------------------------------------------------

Order Distance Path

422465 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

379019 10 (15,4) (15,5) (15,6) (15,7) (15,8) (15,9) (15,10) (15,11) (15,12) (15,13) (15,14)

98888 4 (15,14) (15,15) (16,15) (17,15) (17,14)

end 22 (17,14) (17,15) (16,15) (15,15) (14,15) (13,15) (12,15) (11,15) (10,15) (9,15) (8,15) (7,15)(6,15) (5,15) (4,15) (3,15) (2,15) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 55

---------------------------------------------------------------------

Order Distance Path

422465 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

379019 10 (15,4) (15,5) (15,6) (15,7) (15,8) (15,9) (15,10) (15,11) (15,12) (15,13) (15,14)

98888 4 (15,14) (15,15) (16,15) (17,15) (17,14)

end 22 (17,14) (17,15) (16,15) (15,15) (14,15) (13,15) (12,15) (11,15) (10,15) (9,15) (8,15) (7,15)(6,15) (5,15) (4,15) (3,15) (2,15) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 55

---------------------------------------------------------------------

Order Distance Path

It took me 20000 clicks (0.020000 seconds).

[babadine@laguna W3]$ valgrind ./main

==154795== Memcheck, a memory error detector

==154795== Copyright (C) 2002-2012, and GNU GPL'd, by Julian Seward et al.

==154795== Using Valgrind-3.8.1 and LibVEX; rerun with -h for copyright info

==154795== Command: ./main

==154795==

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.csv

Give an order list number or type '101' to read the entire file

2

---------------------------------------------------------------------

Order Distance Path

422465 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

379019 10 (15,4) (15,5) (15,6) (15,7) (15,8) (15,9) (15,10) (15,11) (15,12) (15,13) (15,14)

98888 4 (15,14) (15,15) (16,15) (17,15) (17,14)

end 22 (17,14) (17,15) (16,15) (15,15) (14,15) (13,15) (12,15) (11,15) (10,15) (9,15) (8,15) (7,15)(6,15) (5,15) (4,15) (3,15) (2,15) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 55

---------------------------------------------------------------------

Order Distance Path

422465 19 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (10,0) (11,0) (12,0)(13,0) (14,0) (15,0) (15,1) (15,2) (15,3) (15,4)

379019 10 (15,4) (15,5) (15,6) (15,7) (15,8) (15,9) (15,10) (15,11) (15,12) (15,13) (15,14)

98888 4 (15,14) (15,15) (16,15) (17,15) (17,14)

end 22 (17,14) (17,15) (16,15) (15,15) (14,15) (13,15) (12,15) (11,15) (10,15) (9,15) (8,15) (7,15)(6,15) (5,15) (4,15) (3,15) (2,15) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 55

---------------------------------------------------------------------

Order Distance Path

It took me 680000 clicks (0.680000 seconds).

==154795==

==154795== HEAP SUMMARY:

==154795== in use at exit: 110,668 bytes in 1 blocks

==154795== total heap usage: 32,489 allocs, 32,488 frees, 2,062,163 bytes allocated

==154795==

==154795== LEAK SUMMARY:

==154795== definitely lost: 0 bytes in 0 blocks

==154795== indirectly lost: 0 bytes in 0 blocks

==154795== possibly lost: 0 bytes in 0 blocks

==154795== still reachable: 110,668 bytes in 1 blocks

==154795== suppressed: 0 bytes in 0 blocks

==154795== Rerun with --leak-check=full to see details of leaked memory

==154795==

==154795== For counts of detected and suppressed errors, rerun with: -v

==154795== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 8 from 6)

Profiling time alarm

[babadine@laguna W3]$ ./main

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

0

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.csv

Give an order list number or type '101' to read the entire file

14

---------------------------------------------------------------------

Order Distance Path

356984 13 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (9,1) (9,2) (9,3) (9,4)

376926 0 (9,4)

360031 0 (9,4)

end 12 (9,4) (9,3) (8,3) (7,3) (6,3) (5,3) (4,3) (3,3) (2,3) (1,3) (1,2) (1,1) (1,0)

Total Distance = 25

---------------------------------------------------------------------

Order Distance Path

356984 13 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (9,1) (9,2) (9,3) (9,4)

376926 0 (9,4)

360031 0 (9,4)

end 12 (9,4) (9,3) (8,3) (7,3) (6,3) (5,3) (4,3) (3,3) (2,3) (1,3) (1,2) (1,1) (1,0)

Total Distance = 25

---------------------------------------------------------------------

Order Distance Path

It took me 0 clicks (0.000000 seconds).

[babadine@laguna W3]$ valgrind ./main

==154829== Memcheck, a memory error detector

==154829== Copyright (C) 2002-2012, and GNU GPL'd, by Julian Seward et al.

==154829== Using Valgrind-3.8.1 and LibVEX; rerun with -h for copyright info

==154829== Command: ./main

==154829==

What is the file name?

warehouse-grid.csv

What is the max warehouse width?

18

What is the max warehouse height?

10

Starting x-coord?

0

Starting y-coord?

0

Ending x-coord?

0

Ending y-coord?

20

Choose a number.

Do you want to name orders (1) or read all orders from a file (2).

2

Name of warehouse order file?

warehouse-orders.csv

Give an order list number or type '101' to read the entire file

14

---------------------------------------------------------------------

Order Distance Path

356984 13 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (9,1) (9,2) (9,3) (9,4)

376926 0 (9,4)

360031 0 (9,4)

end 24 (9,4) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 37

---------------------------------------------------------------------

Order Distance Path

356984 13 (0,0) (1,0) (2,0) (3,0) (4,0) (5,0) (6,0) (7,0) (8,0) (9,0) (9,1) (9,2) (9,3) (9,4)

376926 0 (9,4)

360031 0 (9,4)

end 24 (9,4) (9,5) (8,5) (7,5) (6,5) (5,5) (4,5) (3,5) (2,5) (1,5) (1,6) (1,7) (1,8) (1,9) (1,10) (1,11) (1,12) (1,13) (1,14) (1,15) (1,16) (1,17) (1,18) (1,19) (1,20)

Total Distance = 37

---------------------------------------------------------------------

Order Distance Path

It took me 400000 clicks (0.400000 seconds).

==154829==

==154829== HEAP SUMMARY:

==154829== in use at exit: 110,668 bytes in 1 blocks

==154829== total heap usage: 29,288 allocs, 29,287 frees, 1,787,539 bytes allocated

==154829==

==154829== LEAK SUMMARY:

==154829== definitely lost: 0 bytes in 0 blocks

==154829== indirectly lost: 0 bytes in 0 blocks

==154829== possibly lost: 0 bytes in 0 blocks

==154829== still reachable: 110,668 bytes in 1 blocks

==154829== suppressed: 0 bytes in 0 blocks

==154829== Rerun with --leak-check=full to see details of leaked memory

==154829==

==154829== For counts of detected and suppressed errors, rerun with: -v

==154829== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 8 from 6)

Profiling time alarm

[babadine@laguna W3]$