\*\*\*\*\*\*\*\*Testing IntToString FAILED\*\*\*\*\*\*\*\*

idan@idan-laptop:~/Documents/Dev/Git\_WD$ ws14\_v

==98690== Memcheck, a memory error detector

==98690== Copyright (C) 2002-2022, and GNU GPL'd, by Julian Seward et al.

==98690== Using Valgrind-3.19.0 and LibVEX; rerun with -h for copyright info

==98690== Command: /home/idan/Documents/Dev/Git\_WD/c/ws14\_atoi\_itoa/bin/debug/ws14.out

==98690==

\*\*\*\*\*\*\*\*Testing IntToString\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*Testing Base 10\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123 is: 123

IntToString Parsed 123 is: 123

\*\*\*\*\*\*\*\*Testing Int -456\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -456 is: -456

IntToString Parsed -456 is: -456

\*\*\*\*\*\*\*\*Testing Int 0\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 0 is: 0

IntToString Parsed 0 is: 0

\*\*\*\*\*\*\*\*Testing Int 98765\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 98765 is: 98765

IntToString Parsed 98765 is: 98765

\*\*\*\*\*\*\*\*Testing Int 15\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 15 is: 15

IntToString Parsed 15 is: 15

\*\*\*\*\*\*\*\*Testing Int -1\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -1 is: -1

IntToString Parsed -1 is: -1

\*\*\*\*\*\*\*\*Testing Int 2147483647\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 2147483647 is: 2147483647

IntToString Parsed 2147483647 is: 2147483647

\*\*\*\*\*\*\*\*Testing Int -2147483648\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -2147483648 is: -2147483648

IntToString Parsed -2147483648 is: -./,),(-\*,(

failed -2147483648: -2147483648 != -./,),(-\*,(

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123 is: 123

IntToString Parsed 123 is: 123

\*\*\*\*\*\*\*\*Testing Int 123012345\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123012345 is: 123012345

IntToString Parsed 123012345 is: 123012345

\*\*\*\*\*\*\*\*Testing Base 8\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123 is: 173

IntToString Parsed 123 is: 173

\*\*\*\*\*\*\*\*Testing Int -456\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -456 is: 37777777070

IntToString Parsed -456 is:

failed -456: 37777777070 !=

\*\*\*\*\*\*\*\*Testing Int 0\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 0 is: 0

IntToString Parsed 0 is: 0

\*\*\*\*\*\*\*\*Testing Int 98765\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 98765 is: 300715

IntToString Parsed 98765 is: 00715

failed 98765: 300715 != 00715

\*\*\*\*\*\*\*\*Testing Int 15\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 15 is: 17

IntToString Parsed 15 is: 17

\*\*\*\*\*\*\*\*Testing Int -1\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -1 is: 37777777777

IntToString Parsed -1 is:

failed -1: 37777777777 !=

\*\*\*\*\*\*\*\*Testing Int 2147483647\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 2147483647 is: 17777777777

IntToString Parsed 2147483647 is: 7777777777

failed 2147483647: 17777777777 != 7777777777

\*\*\*\*\*\*\*\*Testing Int -2147483648\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -2147483648 is: 20000000000

IntToString Parsed -2147483648 is:

failed -2147483648: 20000000000 !=

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123 is: 173

IntToString Parsed 123 is: 173

\*\*\*\*\*\*\*\*Testing Int 123012345\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123012345 is: 725202371

IntToString Parsed 123012345 is: 725202371

\*\*\*\*\*\*\*\*Testing Base 16\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123 is: 7b

IntToString Parsed 123 is: 07b

failed 123: 7b != 07b

\*\*\*\*\*\*\*\*Testing Int -456\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -456 is: fffffe38

IntToString Parsed -456 is:

failed -456: fffffe38 !=

\*\*\*\*\*\*\*\*Testing Int 0\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 0 is: 0

IntToString Parsed 0 is: 0

\*\*\*\*\*\*\*\*Testing Int 98765\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 98765 is: 181cd

IntToString Parsed 98765 is: 181cd

\*\*\*\*\*\*\*\*Testing Int 15\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 15 is: f

IntToString Parsed 15 is: 0f

failed 15: f != 0f

\*\*\*\*\*\*\*\*Testing Int -1\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -1 is: ffffffff

IntToString Parsed -1 is:

failed -1: ffffffff !=

\*\*\*\*\*\*\*\*Testing Int 2147483647\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 2147483647 is: 7fffffff

IntToString Parsed 2147483647 is: 007fffffff

failed 2147483647: 7fffffff != 007fffffff

\*\*\*\*\*\*\*\*Testing Int -2147483648\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed -2147483648 is: 80000000

IntToString Parsed -2147483648 is:

failed -2147483648: 80000000 !=

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123 is: 7b

IntToString Parsed 123 is: 07b

failed 123: 7b != 07b

\*\*\*\*\*\*\*\*Testing Int 123012345\*\*\*\*\*\*\*\*

\_\_\_\_\_\_\_itoa Parsed 123012345 is: 75504f9

IntToString Parsed 123012345 is: 0075504f9

failed 123012345: 75504f9 != 0075504f9

\*\*\*\*\*\*\*\*Testing Base 0\*\*\*\*\*\*\*\*

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int -456\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int 0\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int 98765\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int 15\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int -1\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int 2147483647\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int -2147483648\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int 123\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing Int 123012345\*\*\*\*\*\*\*\*

invalid base request: Invalid argument

Error message: Invalid argument

\*\*\*\*\*\*\*\*Testing IntToString FAILED\*\*\*\*\*\*\*\*

==98690==

==98690== HEAP SUMMARY:

==98690== in use at exit: 0 bytes in 0 blocks

==98690== total heap usage: 81 allocs, 81 frees, 2,624 bytes allocated

==98690==

==98690== All heap blocks were freed -- no leaks are possible

==98690==

==98690== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)

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