idan@idan-laptop:~/Documents/Dev/Git\_WD/c/ws12\_serialization/src$ ws12\_v idan

==40308== Memcheck, a memory error detector

==40308== Copyright (C) 2002-2022, and GNU GPL'd, by Julian Seward et al.

==40308== Using Valgrind-3.19.0 and LibVEX; rerun with -h for copyright info

==40308== Command: /home/idan/Documents/Dev/Git\_WD/c/ws12\_serialization/bin/debug/ws12.out idan

==40308==

Binary file created successfully.

Student First Name: Idan

Student Last Name: Nave

Student Portfolio contains:

sport\_gr: 84.0

sociology\_gr: 91.2

psychology\_gr: 19.8

literature\_gr: 33.5

physics\_gr: 39.4

math\_gr: 78.3

coding\_gr: 79.8

Student First Name: Idan

Student Last Name: Nave

Student Portfolio contains:

sport\_gr: 84.0

sociology\_gr: 91.2

psychology\_gr: 19.8

literature\_gr: 33.5

physics\_gr: 39.4

math\_gr: 78.3

coding\_gr: 79.8

==40308== Conditional jump or move depends on uninitialised value(s)

==40308== at 0x484D166: bcmp (in /usr/libexec/valgrind/vgpreload\_memcheck-amd64-linux.so)

==40308== by 0x109C8A: ValidateDeserialization (ws12\_serialization.c:397)

==40308== by 0x10950E: StudentGradesApp (ws12\_serialization.c:180)

==40308== by 0x10A3AE: main (Test\_ws12\_serialization.c:29)

==40308== Uninitialised value was created by a heap allocation

==40308== at 0x4843828: malloc (in /usr/libexec/valgrind/vgpreload\_memcheck-amd64-linux.so)

==40308== by 0x109B8A: InitStudent (ws12\_serialization.c:372)

==40308== by 0x109486: StudentGradesApp (ws12\_serialization.c:160)

==40308== by 0x10A3AE: main (Test\_ws12\_serialization.c:29)

==40308==

Deserialization Test using memcmp passed!

Deserialization Test using members comparision passed!

==40308==

==40308== HEAP SUMMARY:

==40308== in use at exit: 0 bytes in 0 blocks

==40308== total heap usage: 8 allocs, 8 frees, 10,768 bytes allocated

==40308==

==40308== All heap blocks were freed -- no leaks are possible

==40308==

==40308== ERROR SUMMARY: 5 errors from 1 contexts (suppressed: 0 from 0)

==40308==

==40308== 5 errors in context 1 of 1:

==40308== Conditional jump or move depends on uninitialised value(s)

==40308== at 0x484D166: bcmp (in /usr/libexec/valgrind/vgpreload\_memcheck-amd64-linux.so)

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==40308== ERROR SUMMARY: 5 errors from 1 contexts (suppressed: 0 from 0)

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