

```
cg87-user45@instance-1:~/project1$ valgrind ./app
==524784== Memcheck, a memory error detector
==524784== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et al.
==524784== Using Valgrind-3.16.1 and LibVEX; rerun with -h for copyright info
==524784== Command: ./app 2
==524784==
^C==524784==
==524784== Process terminating with default action of signal 2 (SIGINT)
==524784==    at 0x493884E: read (read.c:26)
==524784==    by 0x48CA899: _IO_file_underflow@@GLIBC_2.2.5 (fileops.c:517)
==524784==    by 0x48CBB01: _IO_default_uflow (genops.c:362)
==524784==    by 0x48A2137: __vfscanf_internal (vfscanf-internal.c:627)
==524784==    by 0x48A118D: __isoc99_scanf (isoc99_scanf.c:30)
==524784==    by 0x10BFB0: main (in /home/cg87-user45/project1/app)
==524784==
==524784== HEAP SUMMARY:
==524784==    in use at exit: 1,848 bytes in 11 blocks
==524784==    total heap usage: 20 allocs, 9 frees, 20,776 bytes allocated
==524784==
==524784== LEAK SUMMARY:
==524784==    definitely lost: 0 bytes in 0 blocks
==524784==    indirectly lost: 0 bytes in 0 blocks
==524784==    possibly lost: 0 bytes in 0 blocks
==524784==    still reachable: 1,848 bytes in 11 blocks
==524784==           suppressed: 0 bytes in 0 blocks
==524784== Rerun with --leak-check=full to see details of leaked memory
==524784==
==524784== For lists of detected and suppressed errors, rerun with: -s
==524784== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
```