```
mkharaev@andromeda-25 02:32:24 ~/hw/hw6
$ g++ -std=c++11 main.cpp -o main
mkharaev@andromeda-25 02:41:38 ~/hw/hw6
$ main
area: 600.199
*****
***
   *
   *
   *
   *
   *
*****
****
****
```

```
******
 ******
  *****
   *****
   *********
 ******
  *****
****
mkharaev@andromeda-25 02:41:46 ~/hw/hw6
$ valgrind mmain
valgrind: mmain: command not found
mkharaev@andromeda-25 02:44:01 ~/hw/hw6
$ valgrind main
==25038== Memcheck, a memory error detector
==25038== Copyright (C) 2002-2015, and GNU GPL'd, by Julian Seward et al.
==25038== Using Valgrind-3.11.0 and LibVEX; rerun with -h for copyright info
==25038== Command: main
```

```
*****
 ******
   *****
 ******
==25038==
==25038== HEAP SUMMARY:
==25038==
           in use at exit: 72,704 bytes in 1 blocks
          total heap usage: 9 allocs, 8 frees, 72,832 bytes allocated
```

```
**
==25038==
==25038== HEAP SUMMARY:
             in use at exit: 72,704 bytes in 1 blocks
            total heap usage: 9 allocs, 8 frees, 72,832 bytes allocated
==25038==
==25038== LEAK SUMMARY:
              definitely lost: 0 bytes in 0 blocks indirectly lost: 0 bytes in 0 blocks possibly lost: 0 bytes in 0 blocks
==25038==
==25038==
==25038==
              still reachable: 72,704 bytes in 1 blocks
==25038==
                   suppressed: 0 bytes in 0 blocks
==25038== Rerun with --leak-check=full to see details of leaked memory
==25038==
==25038== For counts of detected and suppressed errors, rerun with: -v
==25038== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
mkharaev@andromeda-25 02:44:08 ~/hw/hw6
```