Sample Output 1:

```
sniperAST08$ ./a.out 3 6 26
Enter the Matrix!
qhj rsf lwc ecs pgt ohu
bdc xax sci jjv neo msx
tgt wky qbg jpo drr hqt
0: Trace Successful at Coordinates (1, 4) by 11 Compares...
u,l,r,l,d,l,l,l,l,l,r,l,d,l,l,r,l,u,d,u,r,r,r,d,d,u,l,d,u,u,u,u,l,u,r,r,l,d,d,u,r,u,r,d,
1: Trace Successful by 32 Compares...
sniperAST08$
```

Sample Output 2:

```
sniperAST08$ valgrind ./a.out
==122935== Memcheck, a memory error detector
==122935== Copyright (C) 2002-2017, and GNU GPL'd, by Julian Seward et al.
==122935== Using Valgrind-3.15.0 and LibVEX; rerun with -h for copyright info
==122935== Command: ./a.out
==122935==
qhj rsf lwc ecs pgt ohu
bdc xax sci jjv neo msx
tgt wky qbg jpo drr hqt
0: Trace Successful at Coordinates (1, 4) by 11 Compares...
u,l,r,l,d,l,l,l,l,l,r,l,d,l,l,r,l,u,d,u,r,r,r,d,d,u,l,d,u,u,u,u,l,u,r,r,l,d,d,u,r,u,r,d,
1: Trace Successful by 32 Compares...
5: Unknown Trace Mode.
0: Trace Successful at Coordinates (5, 5) by 106 Compares...
d,d,d,r,l,l,l,d,u,d,u,u,l,u,d,r,l,d,l,u,u,d,d,r,d,d,u,u,l,u,r,u,d,u,r,r,l,l,u,r,r,u,r,l,d,u,d,r,l
,u,u,l,d,d,d,l,l,d,l,d,d,l,d,l,l,u,l,d,l,l,u,l,r,r,u,u,r,d,r,d,d,r,r,l,u,u,
1: Trace Successful by 73 Compares...
cnc jeb uhs yoa vea lak bnl cij our hpe nts rcy syf nwv prb qfe agr okc zzw sin
xvg rmk phi wuh uja vbf zeo tsy vrz rli gid obs ysz grv nle oii vim jde iyx jri
rxt xlu pjn qre lfr rvz zqj ncm tkk qvb bna wkn qbw fro lcv ets evk nim ccy ouu
svh srt gku ern ufp pjk jpf ufo ghq hvm bni kib fon zsh mpm dgx nqn tku jsb bby
ncm xow ztk oue vgt jla jzs yue sfy vga tve htt dum pih wgp rrd rac lyy pqd onl
qhg uoz nut cje lhm neo fse jee htx mjk xzr gui hje bnp hyx tdw wio css hbo eqx
qnx ivt sde wgs lns iiv ggg vja nsb byt boj yye tqh zon rac mkk jrt rme rbw vfu
ogk xgj czb laq zuq dgc qrv jjh nal jxq fmw rle anf cbf saz kff ovz kei trk eci
wju ubf ydv dfw jzy ild qaz pmf zfx jmz ril ndm tdp qhx osy mck rum sjy ykd vur
wla hzf vuk lmr kal ioq sfk gyw ewg kta brm dzn iuh vhv orv acj quq cdo yhm fth
0: Trace Failed.
0: Trace Failed.
0: Trace Failed.
neo
0: Trace Successful at Coordinates (0, 0) by 1 Compares...
==122935==
==122935== HEAP SUMMARY:
==122935==     in use at exit: 0 bytes in 0 blocks
==122935==   total heap usage: 440 allocs, 440 frees, 93,657 bytes allocated
==122935==
==122935== All heap blocks were freed -- no leaks are possible
==122935==
==122935== For lists of detected and suppressed errors, rerun with: -s
==122935== ERROR SUMMARY: 0 errors from 0 contexts (suppressed: 0 from 0)
sniperAST08$
```