

# Valgrind report

Valgrind is a open-source memory access error and leak detection tool. An optimization level of 1 is generally faster than level 0, although it can cause incorrect line numbers to be reported. An optimization level higher than 1 can cause spurious uninitialised-value errors to be reported

## How to compile code for valgrind?

```
$ gcc -g main.c func.c
```

## How to run a program under valgrind

```
$ valgrind ./app.out
```

## Sample output report of valgrind

[illegible]

[illegible]