gcc -o ass\_o assembler.c

A screen shot of a computer program

Description automatically generatedA computer screen with text and numbers

Description automatically generated

gcc -O0 -o ass\_0 assembler.c

A screen shot of a computer program

Description automatically generatedA screen shot of a computer program

Description automatically generated

gcc -O1 -o ass\_1 assembler.c

A computer screen with colorful text

Description automatically generated

gcc -O2 -o ass\_2 assembler.cA screen shot of a computer

Description automatically generated

gcc -O3 -o ass\_3 assembler.c

A screen shot of a computer

Description automatically generated

gcc -Os -o ass\_4 assembler.c

A screen shot of a computer

Description automatically generated

gcc -Og -o ass\_5 assembler.c

A screen shot of a computer program

Description automatically generated

Gdb

A screen shot of a computer

Description automatically generated

vlagrind

A screenshot of a computer screen

Description automatically generatedA screenshot of a computer program

Description automatically generatedA screenshot of a computer screen

Description automatically generated