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idoc@idodolaptop:~/projects/OS_1$ g++ -o mandelbrot mandelbrot.cpp
idoc@idodolaptop:~/projects/OS_1$ ./mandelbrot 1
Usage: ./mandelbrot <real part> <imaginary part> [<iterations>]
idoc@idodolaptop:~/projects/OS_1$ ./mandelbrot 0 0 50 65
Usage: ./mandelbrot <real part> <imaginary part> [<iterations>]
idoc@idodolaptop:~/projects/OS_1$ ./mandelbrot 0 0
0 + 0i : is in the Mandelbrot set.
idoc@idodolaptop:~/projects/OS_1$ ./mandelbrot 0 0 50000
0 + 0i : is in the Mandelbrot set.
idoc@idodolaptop:~/projects/OS_1$ ./mandelbrot -0.1 0.65
-0.1 + 0.65i : is not in the Mandelbrot set.
idoc@idodolaptop:~/projects/OS_1$ ./mandelbrot -0.1 0.65 5000
-0.1 + 0.65i : is not in the Mandelbrot set.
```