



```
PS C:\Users\fluff\vhdl>
PS C:\Users\fluff\vhdl> ghdl -a hello.vhdl
PS C:\Users\fluff\vhdl> ghdl -e hello_world
PS C:\Users\fluff\vhdl> ghdl -r hello_world
Hello world!
```

```
PS C:\Users\fluff\vhdl> ghdl -a ha.vhdl
PS C:\Users\fluff\vhdl> ghdl -a ha_tb.vhdl
PS C:\Users\fluff\vhdl> ghdl -e ha_tb
PS C:\Users\fluff\vhdl> ghdl -r ha_tb --vcd=ha.vcd
ha_tb.vhdl:47:5:@5ns:(assertion error): Reached end of test
PS C:\Users\fluff\vhdl> gtkwave ha.vcd
```

GTKWave Analyzer v3.3.100 (w)1999-2019 BSI

```
[0] start time.
[5000000] end time.
GTKWAVE | Reloading waveform...
[0] start time.
[5000000] end time.
GTKWAVE | ...waveform reloaded
GTKWAVE | Reloading waveform...
[0] start time.
[5000000] end time.
GTKWAVE | ...waveform reloaded
WM Destroy
PS C:\Users\fluff\vhdl>
```