Question 2.2

sigaction:

sigaction() is reliable.

sigaction() can block other signals until the current handler returns.

sigaction() returns 0 on success, else -1 on error.

The problem with sigaction is that it works only on linux.

And its pretty complicated.

Sigqeue:

sigqueue enables passing some more context.

Sigqueue uses real time signals.

Siggeue is reliable.

Sigqueue most have permission to the process.

Not al implementations support sigque.

Real time signals and regular signals:

Real time signals receive queued signals, and the number of signals sent always corresponds to the number of signals received.

This is not the case when talking about standard signals, it is not promised that the number of signals sent will be the number of signals received (like we show in the program).

Standard signals only one of a given type is queued the rest is ignored, but in real time signals more than one signal can be queued.

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