Part A: Suggest 2 methods to programmatically ignore a signal

1. Use the signal() function to set the signal handler to SIG_IGN:

The simplest way to ignore a signal is to use the signal() function and set the signal handler to SIG_IGN. For example:

```
signal(SIGTERM, SIG_IGN);
```

This line of code tells the program to ignore the SIGTERM signal.

2. Use sigaction() with sa_handler set to SIG_IGN:

Another method is to use the sigaction() function to set the action to ignore the signal by setting sa_handler to SIG_IGN:
struct sigaction sa;

```
sa.sa_handler = SIG_IGN;
sigemptyset(&sa.sa_mask);
sa.sa_flags = 0;
sigaction(SIGTERM, &sa, NULL);
```

This approach provides more control and flexibility, such as setting flags or a signal mask, while still ignoring the signal.